

2022

PROPELLER CATALOG



 **SOLAS**[®] **RUBEX**[™]



Propellers for Boaters made by Boaters



 **SOLAS**[®]
Where Speed Begins

Constant progress resulted in continuous improvements in propeller quality and performance, and despite the fiercely competitive market, SOLAS made continuous advances toward establishment of the world's finest propeller company.

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Product names may belong to Original Equipment Manufacturers. All references to Original Equipment Manufacturers, their trade names or their part numbers, are for replacement part identification only.



SOLAS was founded in 1985 by Dr.Solas Y.J.Lin. SOLAS is now one of the most well known and trusted names in outboard/stern drive propellers and impellers for personal watercraft vehicles. Our success is largely due to superior design and craftsmanship from team SOLAS.

Located in Taiwan, SOLAS combines world class research and design, highly skilled workers, cost-effective material sourcing, and a technologically advanced manufacturing facility to deliver the highest quality of products to its customers.



Research and Development

SOLAS possesses an outstanding R&D team. Each member is willing to accept challenges, to break through barriers, and to strive for improvement on existing technologies. Because of our outstanding R&D team, SOLAS not only stands at the top of the world propeller industry, but also possesses a diverse R&D strategy. SOLAS frequently conducts academic and industrial cooperative development projects with Taiwan leading research institutions. In recent years, we have expanded our vision to leisure watercraft propulsion systems, and have established a new, comprehensive R&D division for that purpose.

SOLAS's R&D teams combine propeller theory, quantitative data analysis, and realistic Field testing technologies to design world class watercraft propellers. With superior CAD, CAM and CAE capabilities, SOLAS now can manufacture products that completely satisfy every customer requirement. These outstanding R&D and production technologies are the basis on which SOLAS has become the most well known brand in the industry.



Controlling Every Aspect of Quality

SOLAS aluminum alloy propellers surpass regular stainless steel propellers in terms of thinness, corrosion resistance, and quality. SOLAS has become the world's leading brand of stainless steel and aluminum propellers. Numerous tests conducted by major media authorities have proven that SOLAS propellers stand up to collisions better than the competitors', and that long-term durability studies have shown that SOLAS propellers' resistance against rust and corrosion outperforms all the others in their class.



ISO 9001 / ISO 14001 CERTIFIED

We are honored to have BSI (British Standards Institution) ISO 9001 / ISO 14001 certificates and the Symbol of Excellent Products from Taiwan Government. Total satisfaction of our customers is always our first priority.



SOLAS also installed analysis equipment to assist the inspection and testing process, including composition tester, hardness tester, CMM systems, salt spray testing machine, rubber torque tester, and dynamic balance machine. We combine these standard quality inspection procedures with data analysis to improve product design and production processes, therefore increasing customer satisfaction.

In 1994, SOLAS was granted ISO-9002 certification from BSI, the UK certification authority. In May of 2003, SOLAS was awarded ISO-9001 certification (2000AD version). In 2021, Solas was further certified with ISO 14001, international standard of the environmental management system. These quality certifications serve as strong evidence of our commitment to continuous quality improvements and service.



Propeller Basics :

This information is critical to determining the correct propeller for your application:

1. 3 or 4 Blades ?

A 3-blade propeller usually offers top speed performance while a 4-blade propeller provides maximum thrust and smooth cruising operation.

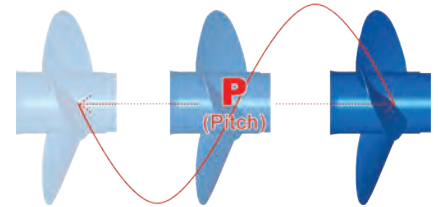


2. Diameter :

Diameter is the distance across a circle encompassing all of the propeller blades. (see Original Equipment Considerations item 2 below).

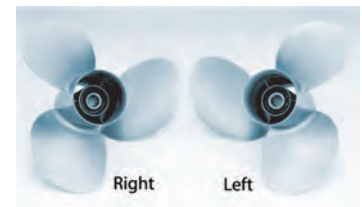
3. Pitch :

Pitch is the theoretical distance a propeller will move through the water for each revolution (i.e., a 21" pitch propeller should move a boat forward 21" for each revolution, assuming there is no slippage).



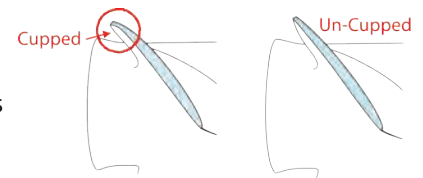
4. Right hand or Left hand Rotation?

In most cases, right hand propellers are used for single engine applications and one left hand propellers are used for twin engine applications to achieve better steering control.



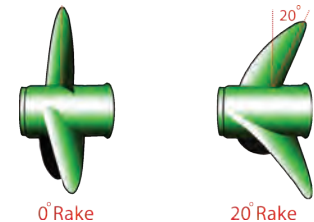
5. Cupped Blades:

This is a technique used to enhance the performance of propellers under certain conditions. A cupped propeller will exhibit very high efficiency at high speeds as well as minimize cavitation under heavy loads.



6. Rake :

Rake is a special design feature. Positive rake benefits from normal bow lift to permit the use of a larger diameter propeller, while negative rake can provide extra blade strength for use in very high speed applications.



Original Equipment Considerations :

1. Determine the year, brand, model and horsepower of your motor.
2. Calculate the diameter of the OEM propeller by measuring from the center of the shaft hole to the tip of a blade x 2
(Example: a measurement of 7 ¼ inches = a diameter of 14 ½ inches).
3. Is the type of material aluminum or stainless steel?

Performance Considerations :

1. Type of boat (cruiser, ski, runabout, bass, pontoon) ?
2. Prop on boat now (brand, model, diameter, pitch, cupping) ?
3. Engine RPM at wide open throttle (WOT) ?
4. Speed of boat over water at WOT ?
5. Normal operating altitude (motors lose 3% of power per 1000 ft.)?

SOLAS offers a variety of propeller products to satisfy a wide range of engine and hull configurations. The following chart will help you choose the correct SOLAS propeller to meet your specific boating application.

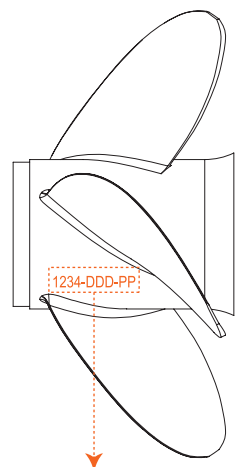
SOLAS PROPELLER	PROPELLER APPLICATION																				FEATURES								
	OUTBOARD										STERNDRIVE										Material	Blades	Rotation Available	Hub Type					
	Inflatable	Aluminum	Ski Boat	Bass Boat	Flats Boat	Bay Boat	Walleye Boat	Offshore Single	Offshore Dual	Sport Boat Single	Sport Boat Dual	Heavy Work Boat	Commercial	Sail Drive	Pleasure Runabout	Deck Boat	Pontoon	Ski Boat	Sport Boat Single	Sport Boat Dual					Family Cruiser	Cruiser Boats	Deck Boat	Pontoon	Houseboat
Amita3	●	●	●	●	●		●	●	●		●	●		●		●				●					●	AL	3	R.L	R
Amita4	●		●				●	●			●			●	●	●				●					●	AL	4	R.L	R
Bravo Two																					●					AL/SS	3	R.L	R
Saturn	●	●										●		●		●								●		SS	3	R.L	R
New Saturn	●	●									●			●		●								●		SS	3	R.L	R
Titan	●	●	●					●	●		●			●		●				●				●		SS	3	R.L	R
HR Titan3			●					●	●											●						SS	3	R.L	R
HR Titan4				●	●		●	●	●		●	●			●	●			●	●	●		●	●	●	SS	4	R.L	R
Scorpion				●																						SS	3	R.L	R
Lexor						●		●	●	●	●								●	●	●		●	●		SS	3	R.L	R
Solas Ski																									●	SS	3.4	R	N/A
Solas Plastic	●																									PL	3	R	N/A
High Thrust													●													AL	4	R	R

Note - Material: AL = Aluminum; SS = Stainless Steel; PL = Plastic
 Note - Hub Type: R = Rubber; N/A = Not Applicable
 Note - Rotation Available : R = Right-hand Rotation ; L = Left-hand Rotation

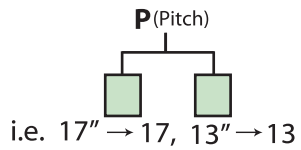
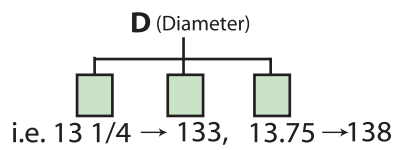
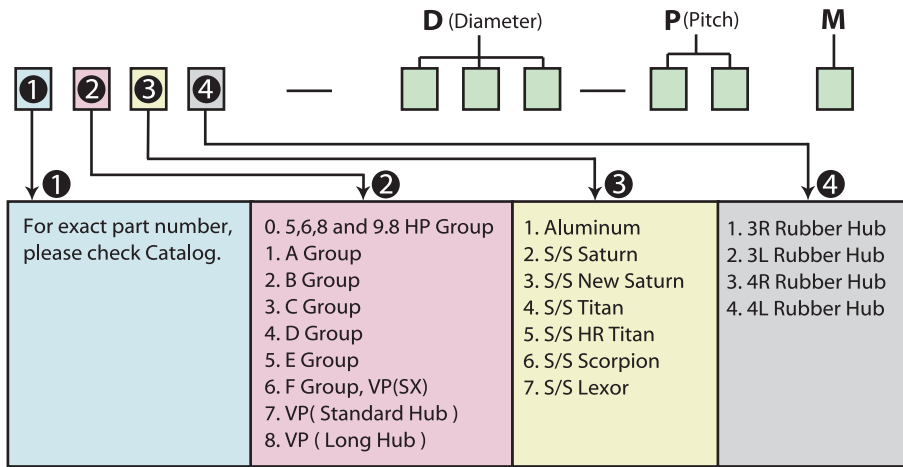
Still can't choose the right propeller for your boat ?

Or simply find and call our distributors & dealers near your location, they will be glad to help you to choose the right propeller .

SOLAS Part No. Coding System



SOLAS Propeller Part No. on propeller.



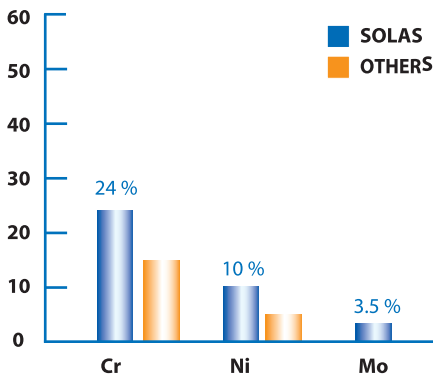
- M** : PPin Drive Propeller ; S Spline Drive Propeller
- [] : 1,2,5Different Propeller Hub Fitting Spec.

Smooth, Durable, High Precision → Overall Performance

All SOLAS propellers are developed by state of the art. Through a sequence of theoretical calculations, geometry design, prototype testing, pilot production and field tests, SOLAS propellers are designed to meet customers' various requirements.

Modern CAD, CAM and CAE technologies are used to ensure that high precision tools are used for products.

Reliability and Precision

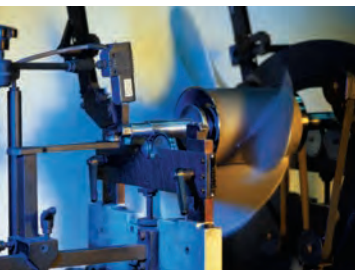
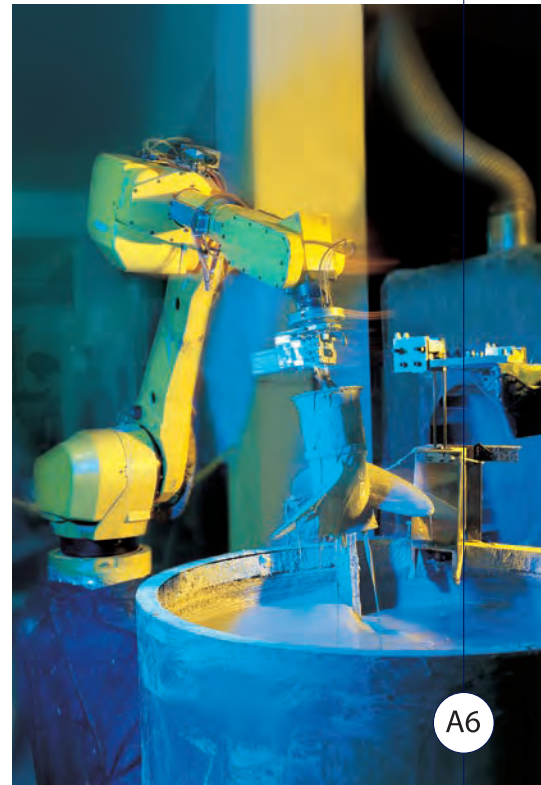
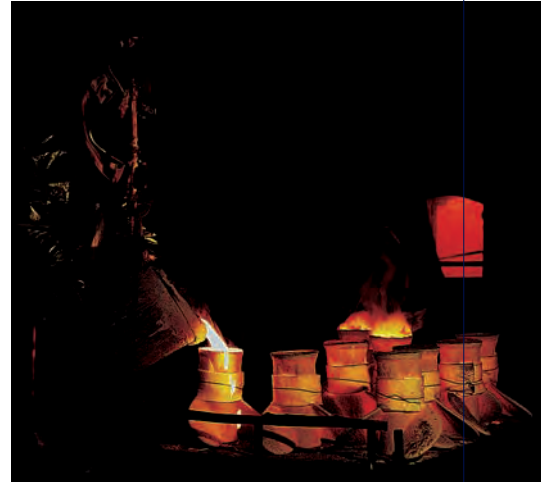


SOLAS Stainless Steel Propellers - Feature the industry's highest percentage of chromium, nickel, and molybdenum. Our material resists rust from salt water and increases the stability of the propeller blades.

SOLAS Stainless Steel propellers are made by investment casting process.

SOLAS focuses its production improvement efforts on efficient use of space, increased yield, first in first out processes and automated equipment (such as robotic dipping arms). We are constantly improving processes and striving even higher.

Performance and durability are the characteristics of the SOLAS stainless steel products.



Stainless Steel High Performance Propellers



LEXOR Stainless steel 3 blade
Rubber Hub

- * Large diameter & blade area for big boats
- * Great high speed and midrange performance
- * Excellent fuel economy for offshore boats



LEXOR 4 Stainless steel 4 blade
Rubber Hub

- * Excellent top speed & very smooth performance
- * High rake and cupped blade design
- * Great stern lift & acceleration



LEXOR PLUS Stainless steel 3 blade
Rubber Hub

- * Large diameter & blade area for big boats
- * Larger Diameter than Lexor
- * Great high speed and mid range performance
- * Excellent fuel economy for offshore boats



NEW ! Stainless steel
SG for SUZUKI 3 blade front & 4 blade rear
Rubber Hub

- * Maximize the efficiency of the engine
- * Great maneuverability
- * Excellent grip and acceleration
- * Outstanding stability



B3 for Stainless steel
MERCURY BRAVO 3 4 blade front & 3 blade rear
Solid hub

- * Excellent acceleration and top speed
- * Cupped blade design increases bite & reduces slip
- * Highly Polished



Dual Prop for Stainless steel
VOLVO PENTA A,B&C Series 3 blade front &
DP280, 290 3 blade rear
Rubber hub

- * All-around performance
- * Outstanding acceleration and top speed
- * Must be used with a Solas stainless Front/Rear Prop

Stainless Steel High Performance Propellers



HR TITAN 3 PROP Stainless steel 3 blade Rubber Hub

- * Performance prop for high speed planing hulls
- * High rake blade design provides excellent bow lift
- * Excellent acceleration and top speed
- * Cupped blade design increases bite & reduces slip



HR TITAN 4 PROP Stainless steel 4 blade Rubber Hub

- * Great stern lift & acceleration
- * High rake and cupped blade design
- * Powerful thrust & very smooth performance
- * Increased speed & economy in the mid-range



NEW SATURN PROP Stainless steel 3 blade Rubber Hub

- * All-around performance
- * Good acceleration
- * Large ear blade design



TITAN PROP Stainless steel 3 blade Rubber Hub

- * Performance prop for high speed planing hulls
- * High rake blade design provides excellent bow lift
- * Excellent acceleration and top speed
- * Cupped blade design increases bite & reduces slip



NEW SATURN 4 PROP Stainless steel 4 blade Rubber Hub

- * All-around performance
- * Great Acceleration and Midrange performance
- * Large ear blade design

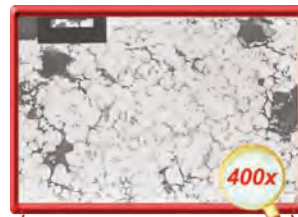


SATURN PROP Stainless steel 3 blade Rubber Hub

- * All-around general purpose performance
- * A more durable and cost effective replacement for aluminum

Unparalleled Durability

Solas aluminum propellers are manufactured with state-of-the-art squeeze casting process. With this exclusive technique, Solas aluminum propellers are almost non-porous and thus stronger and tougher than traditional die cast propellers.



Standard Die Cast



Cutting-face
Other brand's prop



SOLAS Squeeze Cast



Cutting-face
SOLAS Prop

About SOLAS Coating



1st Coat Baked Surface Paint
Cutting-face
Other brand's coating



1. Al. protected coating
2. primary coating
3. 1st Coat Baked Surface Paint
4. 2nd Coat Baked Surface Paint
Cutting-face
SOLAS Prop



Salt Water Spray Testing

SOLAS aluminum propellers have 4 layers of paint. Using superior coatings and a high-tech painting process ensures excellent anti-corrosion performance.

SOLAS aluminum propellers are exposed to over 500 hours of testing in a salt water spray tank. This testing simulates more than 6 months of normal salt water use.

Aluminum High Performance Propellers



AMITA 3 Aluminum 3 blade
Rubber Hub

- * Exclusive squeeze cast process
- * Stronger blades with better performance
- * Outstanding acceleration and top speed



AMITA 4 Aluminum 4 blade
Rubber Hub

- * Exclusive squeeze cast process
- * Stronger blades with better performance
- * Great Acceleration and Midrange performance
- * Great stern lift & handling



AMITA 3-C Plus Aluminum 3 blade
Rubber Hub

AMITA 3-E Plus Aluminum 3 blade
Rubber Hub

- * Exclusive squeeze cast process
- * Stronger blades with better performance
- * Larger blades than the Amita 3 series for Superior thrust
- * Suitable for heavy boats



High Thrust Propeller

Aluminum 4 blade / Rubber hub

- * Exclusive squeeze cast process
- * Stronger blades with better performance
- * Excellent forward and reverse thrust
- * Ideal for kicker / auxiliary engines with heavy loads

Dual Prop for VOLVO PENTA A,B&C Series DP280, 290



Aluminum Bravo Two

for Mercruiser
4.3L ~ 7.4L / D 2.8 L ~ D 7.3 L
350Mag, 454Mag, 502 Mag

Aluminum 3 blade / Rubber hub

- * Exclusive squeeze cast process
- * Stronger blades with better performance
- * Larger blades than the Amita 3 series for Superior thrust
- * Suitable for heavy boats



Aluminum / 3 blade front & 4 blade rear / Rubber hub

- * Exclusive squeeze cast process
- * Stronger blades with better performance
- * Outstanding acceleration and top speed

High Performance

The SOLAS Ski Propeller is designed with a revolutionary new blade geometry to handle a wide range of conditions, from family recreation to sporting and competitive events.



SOLAS Ski Propeller Part No.

B	D	P	R	Shaft D	Shaft Taper	PART NO.
3	13	13	R	1"	1/16	A001-130-13
3	13	13	L	1"	1/16	A002-130-13
3	13	13	R	1 1/8"	1/16	B001-130-13
3	13	13	L	1 1/8"	1/16	B002-130-13

Michigan Wheel - SOLAS Ski Prop Cross Reference

MWC Part No.	Blades	Diameter	Pitch	Rotation	Shaft Diameter	Solas Part No.
310659	3	13	13	LH	1 1/8"	B002-130-13
310660	3	13	13	RH	1"	A001-130-13
310661	3	13	13	LH	1"	A002-130-13

SKI PROPELLERS



Plastic Propeller (2.5 ~ 3.5HP)

SOLAS has developed a plastic series of propeller to meet the special requirements of small horsepower applications.

SOLAS uses the most advanced design and manufacturing technology to produce the best propeller for portable outboard motors.

Brand of Motor	Engine HP	BXDXP	P/N
TOHATSU	2.5~3.5	3X7 1/4X6	0001-073-06-P
MERCURY	2.5~3.5		
OMC	3.5		
HONDA	BF2 Series	3X7 1/4X6	6001-073-06-P



Rubber Hub

After many years of research and development, SOLAS has developed an advanced series of rubber bushings with a strong and durable rubber compound.

With the required equipment the rubber hubs are designed to install simply by pressing them into the hub with minimal of effort. However, they still offer excellent gripping force to keep the propeller from slipping.

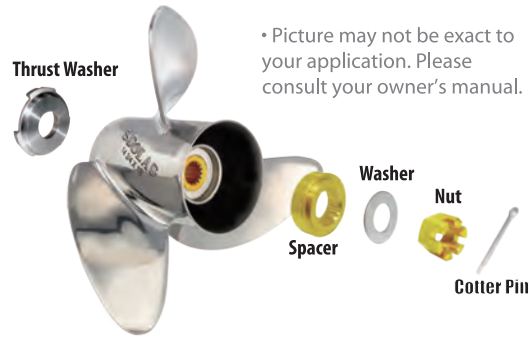
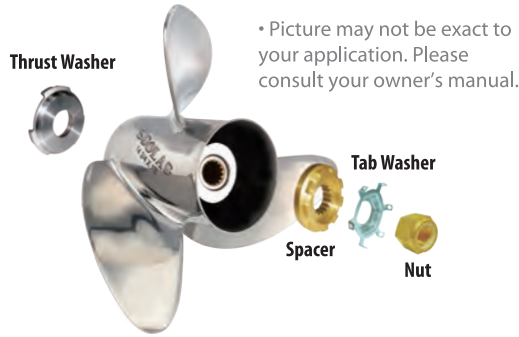


Group	Engine Brand	Part#	Parts	Fit O/E Propeller
2.5HP	Suzuki	1704003	S5-RB	NO
5~9.8HP	Yamaha	1703001	Y5-RB	NO
	Tohatsu	1705001	T5-RB	YES
	Honda	170600	H5-RB	NO
	Suzuki	1704001	S6-RB	NO
	Yamaha	170300	Y8-RB	NO
A	Tohatsu	170500	T8-RB	YES
	Mercury/Mariner(~95)25mm	170110	MA-RB	YES
	Yamaha/Honda	170310	YA-RB	YES
	BRP/OMC/Evinrude/Johnson	170210	OA-RB	YES
	Suzuki	1704101	SA-RB+	YES
B	Tohatsu/Nissan	170510	TA-RB	YES
	Mercury/Mariner	170120	MB-RB	YES
	Yamaha	170320	YB-RB	YES
	BRP/OMC/Evinrude/Johnson	170220	OB-RB	YES
	Suzuki	170420	SB-RB	YES
C	Tohatsu/Nissan/Honda(S/S Prop)	1705201	TB-RB-1	YES
	Tohatsu/Nissan/Honda(Amita)	1705202	TB-RB-2	NO
	Mercury/Mariner	170130	MC-RB	YES
	Yamaha/Honda	1703301	YC-RB	YES
	BRP/OMC/Evinrude/Johnson	170230	OC-RB	YES
Suzuki	1703301	YC-RB	YES	
	Yamaha/Honda/Tohatsu/Nissan	1703301	YC-RB	YES

SA-RB⁺ : with spacer built on it

Group	Engine Brand	Part#	Parts	Fit O/E Propeller
D	Mercury/Mariner/Honda	170140	MD-RB	YES
	Yamaha	170340	YD-RB	YES
	BRP/OMC/Evinrude/Johnson	170240	OD-RB	YES
	Suzuki	170440	SD-RB	YES
	Tohatsu/Nissan	170340	YD-RB	YES
E	Force(~94)	170340	YD-RB	YES
	Mercury/Mariner/Honda(Amita)	170150	ME-RB-2	YES
	Mercury/Mariner/Honda(S/S)	170150	ME-RB-2	YES
	Yamaha(Amita)	170350	YE-RB-2	YES
	Yamaha(S/S)	170350	YE-RB-2	YES
F	BRP/OMC/Evinrude/Johnson(Amita)	1702502	OE-RB-2	NO
	BRP/OMC/Evinrude/Johnson(S/S)	1702501	OE-RB-1	YES
	Suzuki(Amita)	1704502	SE-RB-2	YES
Volvo Penta	Suzuki(S/S)	1704502	SE-RB-2	YES
	Mercury Bravo Two	170160	MF-RB	YES
	Aquamatic SP(Long Hub)	170710	VA-RB	NO
	SX Drive(Amita)	1707502	VE-RB-2	NO
	SX Drive(S/S)	1707501	VE-RB-1	YES
	Front Dual PROPS(S/S)	1707401	VD-RB-1	NO
	Rear Dual PROPS(S/S)	1707402	VD-RB-2	NO
	Front Dual PROPS(Aluminum)	1707404	VD-RB-4	NO
	Rear Dual PROPS(Aluminum)	1707402	VD-RB-2	NO

SOLAS Fixed Pressed in Prop Hardware Kits



● MERCURY Installation :

● BRP/YAMAHA/ SUZUKI/ TOHATSU/ HONDA /VOLVO/YANMAR Installation :

Brand	Series	Thrust Washer		Spacer		Washer SST		Nut		Cotter Pin	
		Parts	Part#	Parts	Part#	Parts	Part#	Parts	Part#	Parts	Part#
MERCURY	A	MATW	8101111	MASP	8105111			MANT	8114111		
	B	MBTW	8101112			MBWS	8108112	MBNT	8114112		
	C	MCTW	8101113			MCWS	8108113	MCNT	8114113		
	D	MDTW	8101114			MEWS	8108114	MDNT	8114114		
	D-1	METW	81013150			MEWS	8108114	MDNT	8114114		
	E	METW	81013150	MESP2	81051151	MEWS2	81081140	MDNT	8114114		
BRAVO III	G	MGFTW	81011171					MGFNT	81141171		
		MGRTW	81011172					MGRNT	81141172		
BRP JOHNSON ENVINRUDE	A	OATW	8101121	OASP	8105121			OANT	8114121	APIN	85100000
	B	OBTW	8101122	OBSP	8105122			OBNT	8114122	APIN	85100000
	C	OCTW	8101123	OCSP	8105123			OCNT	8114123	EPIN	85100003
	D	ODTW	8101124	OCSP	8105123			OCNT	8114123	EPIN	85100003
	E	OETW	8101125	OESP	8105125			OENT	8114125	EPIN	85100003
YAMAHA	A	YATW	8101131			YAWS	8113211	YANT	8114131	APIN	85100000
	B	YBTW	8101132	YBSP	8105132	YBWS	8104132	YBNT	8114132	APIN	85100000
	C	YCTW	8101133	YCSP	8105133	YCWS	8104133	YCNT	8114133	CPIN	85100001
	D-1	YDTW	8101134	YDSP2	81051341	YDBS	81041341	YCNT	8114133	CPIN	85100001
	D-2	YETW	8101135	YDSP	8105134	YDWS	81061140	YENT	8114135	EPIN	85100003
	E	YETW	8101135	YDSP	8105134	YDWS	81061140	YENT	8114135	EPIN	85100003
SUZUKI	A	SATW	8101141			SAWS	8104141	SANT	8114141	APIN	85100000
	B	SBTW	8101142	SBSP	8105142	YBWS	8104132	SBNT	8114142	APIN	85100000
	C	SCTW	8101143	SCSP	8105143	YDWS	81061140	YENT	8114135	EPIN	85100003
	D-1	SDTW1	81011440	SDSP	8105144	YDWS	81061140	YENT	8114135	EPIN	85100003
	D-2	SDTW2	81011441	SDSP	8105144	YDWS	81061140	YENT	8114135	EPIN	85100003
	D-3	SDTW3	81011442	SDSP	8105144	YDWS	81061140	YENT	8114135	EPIN	85100003
	E	SETW	8101145	SESP	8105145	YDWS	81061140	YENT	8114135	EPIN	85100003
TOHATSU	A	TATW	8101151			TAWS	8104151	TANT	8114151	APIN	85100000
	B	TBTW	8101152			TAWS	8104151	TANT	8114151	APIN	85100000
	C	TCTW	8101153	TCSP	8105153	YDWS	81061140	TCNT	8114153	CPIN	85100001
	D	TDTW	8101154	YDSP	8105134	YDWS	81061140	TCNT	8114153	CPIN	85100001
HONDA	A	HATW	8101161			YAWS	8113211	YANT	8114131	APIN	85100000
	B	HBTW	8101162			YBWS	8104132	YBNT	8114132	APIN	85100000
	C	HCTW	8101163	YCSP	8105133	YDWS	81061140	YCNT	8114133	CPIN	85100001
	D	HDTW	8101164			YDWS	81061140	YENT	8114135	EPIN	85100003
	E	HETW	8101165	HESP	8105165			YENT	8114135	EPIN	85100003

MERCURY

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin	Kits Part #
A 6-15 HP			N/A			17011501
	MATW	MASP		MANT		
B 9.9-25 HP		Installed on Prop				17012501
	MBTW		MBWS	MBNT		
C 25-70 HP		Installed on Prop				17013501
	MCTW		MCWS	MCNT		
D 40-140 HP		Installed on Prop				17014501
	MDTW		MEWS	MDNT		
D-1 40-140 HP		Installed on Prop			Refer to Page P6	17014501A
	81013150 METW		MEWS	MDNT		
E 90- HP		NEW	NEW			17015501A
	81013150 METW	81051151 MESP2	MEWS2	MDNT		
B3 BRAVO III						17017501
	Front Thrust Washer	Rear Thrust Washer	Front Nut	Rear Nut		

* Refer to the propeller's application (A,B,C,D,E,B3) on Page (P1~P9).

BRP/ JOHNSON/EVINRUDE

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin	Kits Part #
A 8-15 HP			N/A			17021501
	OATW	OASP		OANT	APIN	
B 15-35 HP			N/A			17022501
	OBTW	OBSP		OBNT	APIN	
C 40-75 HP			N/A			17023501
	OCTW	OCSP		OCNT	EPIN	
D 40-140 HP			N/A			17024501
	ODTW	OCSP		OCNT	EPIN	
E 90-300 HP			N/A			17025501
	OETW	OESP		OENT	EPIN	

* Refer to the propeller's application (A,B,C,D,E) on Page (P11~P16).

YAMAHA

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin	Kits Part #
A 9.9-20 HP		N/A				17031501
	YATW		YAWS	YANT	APIN	
B 20-30 HP						17032501
	YBTW	YBSP	YBWS	YBNT	APIN	
C 25-60 HP						17033501
	YCTW	YCSP	YCWS	YCNT	CPIN	
D 50-100 HP						17034501
	YDTW	YDSP2	YDBS	YCNT	CPIN	
D F75B F90B 100-130 HP						17035501
	YETW	YDSP	YDWS	YENT	EPIN	
E 150-300 HP						17035501
	YETW	YDSP	YDWS	YENT	EPIN	

* Refer to the propeller's application (A,B,C,D,E) on Page (P17~P22).

SUZUKI

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin	Kits Part #
A 8-20 HP		Installed on Prop				17041501A
	SATW		SAWS	SANT	APIN	
B 20-30 HP						17042501
	SBTW	SBSP	YBWS	SBNT	APIN	
C 35-65 HP						17043501
	SCTW	SCSP	YDWS	YENT	EPIN	
D+ DF90 DF115 HP						17044501
	SDTW1	SDSP	YDWS	YENT	EPIN	
D+ DF90 DF140 HP						17044502
	SDTW2	SDSP	YDWS	YENT	EPIN	
D+ DF70A DF80A DF90A DF100B						17044503
	SDTW3	SDSP	YDWS	YENT	EPIN	
E 150-300 HP						17045501
	SETW	SESP	YDWS	YENT	EPIN	

* Refer to the propeller's application (A,B,C,D,E) on Page (P23~P30).

*** NOTE for DF90 - DF140 (Kits Part # 17044501 & 17044502):**

- Model A and Counter Rotation Model Z use 17044502 (DF90A use 17044503)

*** DF50AV / DF60AV use 17044501**

TOHATSU/ NISSAN

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin	Kits Part #
A 9.9-20 HP		N/A				17051501
	TATW		TAWWS	TANT	APIN	
B 25-30 HP		N/A				17052501
	TBTW		TAWWS	TANT	APIN	
C 35-55 HP						17053501
	TCTW	TCSP	YDWS	TCNT	CPIN	
D 60-140 HP						17054501
	TDTW	YDSP	YDWS	TCNT	CPIN	

* Refer to the propeller's application (A,B,C,D,E) on Page (P31~P36).

HONDA

	Thrust Washer	Spacer	Washer	Nut	Cotter Pin	Kits Part #
A 8-20 HP		N/A				17061501
	HATW		YAWS	YANT	APIN	
B 25-30 HP		N/A				17062501
	HBTW		YBWS	YBNT	APIN	
C 35-60 HP						17063501
	HCTW	YCSP	YDWS	YCNT	CPIN	
D 60-130 HP		Installed on Prop				17064501
	HDTW		YDWS	YENT	EPIN	
E 115-250 HP			N/A			17065501
	HETW	HESP		YENT	EPIN	

* Refer to the propeller's application (A,B,C,D,E) on Page (P37~P42).

RUBEXTM ALUMINUM

Interchangeable Hub Propellers



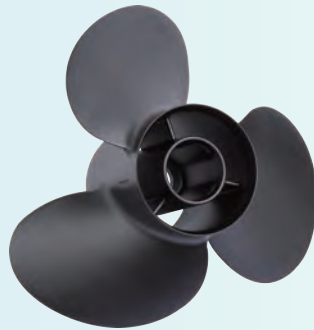
RUBEX 3

- * Exclusive squeeze cast process
- * Stronger blades with better performance
- * Outstanding acceleration and top speed



RUBEX 4

- * Exclusive squeeze cast process
- * Stronger blades with better performance
- * Great Acceleration and Midrange performance
- * Great stern lift & handling



RUBEX 3 High Thrust

- * Ideal for heavy applications & pontoon boats.
- * Excellent Forward and Reverse Thrust



RUBEX 3 Plus

- * Exclusive squeeze cast process
- * Stronger blades with better performance
- * Outstanding acceleration and top speed
- * Larger diameter for the Suzuki DF70-140, 15 tooth



iPOP

- * Exclusive squeeze cast process
- * High Performance Double Cupped Blades
- * Improved acceleration and top speed
- * Better holding power and fuel economy

6 ~ 20 Horsepower
(Thru Hub Exhaust)
2-1/2" Gearcase

A

Aluminum 3 blade RUBEX 3 RBX Rubber Hub				
B	D	P	R	PART NO.
3	9.25	7	R	9111-093-07
3	9.25	8	R	9111-093-08
3	9.25	9	R	9111-093-09
3	9.25	10	R	9111-093-10
3	9.25	11	R	9111-093-11
3	9.25	12	R	9111-093-12

9.9 ~ 35 Horsepower
(Thru Hub Exhaust)
3" Gearcase

B

Aluminum 3 blade RUBEX 3 RBX Rubber Hub B1				
B	D	P	R	PART NO.
3	11	9	R	9211-110-09
3	10.8	10	R	9211-108-10
3	10.5	11	R	9211-105-11
3	10.3	12	R	9211-103-12
3	10.1	13	R	9211-101-13
3	10	14	R	9211-100-14
3	10	15	R	9211-100-15

Aluminum 3 blade RUBEX 3 RBX Rubber Hub B2				
B	D	P	R	PART NO.
3	9.9	9	R	9211-099-09
3	9.9	10	R	9211-099-10
3	9.9	11	R	9211-099-11
3	9.9	12	R	9211-099-12
3	9.9	13	R	9211-099-13
3	9.9	14	R	9211-099-14

Aluminum 3 blade RUBEX 3 RBX Rubber Hub B3				
B	D	P	R	PART NO.
3	11	9	R	9211-110-09SB
3	10.8	10	R	9211-108-10SB
3	10.5	11	R	9211-105-11SB
3	10.3	12	R	9211-103-12SB
3	10.1	13	R	9211-101-13SB
3	10	14	R	9211-100-14SB
3	10	15	R	9211-100-15SB

25 ~ 75 Horsepower
(Thru Hub Exhaust)
3-1/4" Gearcase

C

Aluminum 3 blade RUBEX 3 RBX Rubber Hub				
B	D	P	R	PART NO.
3	12.1	9	R	9311-121-09
3	12	10	R	9311-120-10
3	11.6	11	R	9311-116-11
3	11.4	12	R	9311-114-12
3	11.1	13	R	9311-111-13
3	11.1	14	R	9311-111-14
3	11	15	R	9311-110-15

40 ~ 140 Horsepower
(Thru Hub Exhaust)
4-1/4" Gearcase

D

Aluminum 3 blade RUBEX 3 RBX Rubber Hub				
B	D	P	R	PART NO.
3	14	9	R	9411-140-09
3	14	11	R	9411-140-11
3	13.75	13	R	9411-138-13
3	13.5	14	R	9411-135-14
3	13.5	15	R	9411-135-15
3	13.5	16	R	9411-135-16
3	13.25	17	R	9411-133-17
3	13.25	18	R	9411-133-18
3	13.2	19	R	9411-132-19
3	13.2	21	R	9411-132-21

Aluminum 3 blade RUBEX 3 Plus RBX Rubber Hub				
B	D	P	R	PART NO.
3	13.875	17	R	9411-139-17
3	13.875	19	R	9411-139-19
3	13.875	21	R	9411-139-21

**Recommended for
Suzuki DF 70~ DF 140
(4 Stroke, 15 Tooth Spline)**

Aluminum 4 blade RUBEX 4 RBX Rubber Hub				
B	D	P	R	PART NO.
4	13.25	13	R	9413-133-13
4	13	15	R	9413-130-15
4	12.75	17	R	9413-128-17
4	12.5	19	R	9413-125-19

Aluminum 3 blade High Thrust RUBEX 3 RBX Rubber Hub				
B	D	P	R	PART NO.
3	14.1	11	R	9411-141-11

Notice:

1. Engine manufacturer recommends greasing the propeller shaft every 12 months.
2. Make sure all propeller hardware is installed correctly.



Important :
RBX Hub Kits
are required
for installation.

(Hub Kit Not Included)
RBX Patent No : U.S 7,488,225

115 and up Horsepower
(Thru Hub Exhaust)
4-3/4" Gearcase

E

Aluminum 3 blade RUBEX 3 RBX Rubber Hub				
B	D	P	R	PART NO.
3	15.5	11	R	9511-155-11
3	15.3	13	R	9511-153-13
3	15	15	R	9511-150-15
3	15	15	L	9512-150-15
3	14.8	17	R	9511-148-17
3	14.8	17	L	9512-148-17
3	14.5	19	R	9511-145-19
3	14.5	19	L	9512-145-19
3	14.3	21	R	9511-143-21
3	14.3	21	L	9512-143-21
3	14.2	23	R	9511-142-23
3	14.2	23	L	9512-142-23

Aluminum 3 blade RUBEX 3 Plus RBX Rubber Hub				
B	D	P	R	PART NO.
3	16	13	R	9511-160-13
3	15.8	15	R	9511-158-15
3	15.8	15	L	9512-158-15
3	15.5	17	R	9511-155-17
3	15.5	17	L	9512-155-17
3	15.3	19	R	9511-153-19
3	15.3	19	L	9512-153-19
3	15.3	21	R	9511-153-21
3	15.3	21	L	9512-153-21
3	15.3	23	R	9511-153-23

Aluminum 3 blade (DOUBLE CUP) RUBEX 3 Plus RBX Rubber Hub				
B	D	P	R	PART NO.
3	15.5	11	R	9501-155-11DC
3	15.5	13	R	9501-155-13DC
3	15	15	R	9501-150-15DC
3	14.8	17	R	9501-148-17DC

Aluminum 3 blade iPOP RBX Rubber Hub				
B	D	P	R	PART NO.
3	14.8	18	R	9501-148-18
3	14.5	20	R	9501-145-20
3	14.3	22	R	9501-143-22

Aluminum 4 blade RUBEX 4 RBX Rubber Hub				
B	D	P	R	PART NO.
4	14.75	15	R	9513-148-15
4	14.75	15	L	9514-148-15
4	14.5	17	R	9513-145-17
4	14.5	17	L	9514-145-17
4	14.25	19	R	9513-143-19
4	14.25	19	L	9514-143-19
4	14	21	R	9513-140-21
4	14	21	L	9514-140-21

RUBEX™ DOUBLE CUP PONTOON PROPELLER



- **Additional cupping to grip the water**
- **Prevents cavitation**
- **Prevents blowouts**
- **Reduces slip**

RUBEX 3 Plus (DOUBLE CUP)				
B	D	P	R	PART NO.
3	15.5	11	R	9501-155-11DC
3	15.5	13	R	9501-155-13DC
3	15	15	R	9501-150-15DC
3	14.8	17	R	9501-148-17DC

 **SOLAS®**
Where Speed Begins

PRO SERIES

SAV
Solas Adjust Vent



High Precision Blade
for
High Performance



PRO L3

1. More aggressive camber design & cupping
2. Longer barrel

PRO L4

3. Equipped with SAV (Solas Adjustable Vent)
4. Mainly for bigger horsepower 200hp and up



RUBEX S3

- * High performance for bass & bay boats
- * Equipped with SAV (Solas Adjustable Vent)
- * High rake design for increased bow lift
- * Extra cupping suitable for high engine mounting
- * Cut down blade reduces drag



HYDRQ

- * Smaller blade area to increase rpms & speed
- * Great Top Speed



RUBEX C4

- * All-around performance
- * Great Acceleration and Midrange performance
- * Great stern lift & acceleration



RUBEX HR3

- * Performance prop for high speed planing hulls
- * High rake blade design provides excellent bow lift
- * Excellent acceleration and top speed
- * Cupped blade design increases bite & reduces slip



RUBEX HR4

- * Great stern lift & acceleration
- * High rake and cupped blade design
- * Powerful thrust & very smooth performance
- * Increased speed & economy in the mid-range



RUBEX L3

- * Large diameter & blade area for big boats
- * Great high speed and midrange performance
- * Excellent fuel economy for offshore boats



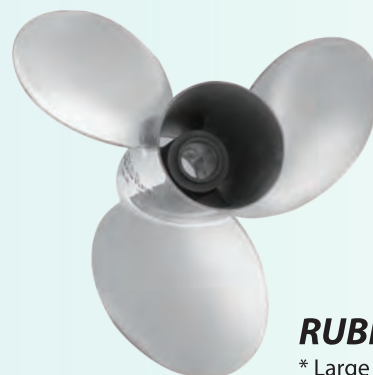
RUBEX NS3

- * All-around performance
- * Good acceleration
- * Large ear blade design



RUBEX L4

- * Bravo I propeller replacement
- * High rake and cupped blade design
- * Great stern lift & acceleration
- * Excellent top speed & very smooth performance



RUBEX L3 Plus

- * Large diameter & blade area for big boats
- * Larger Diameter than L3
- * Great high speed and mid range performance
- * Excellent fuel economy for offshore boats

C 25~ 75 Horsepower (Thru Hub Exhaust) 3-1/4" Gearcase

Stainless steel 3 blade				
RUBEX NS3 RBX Rubber Hub				
B	D	P	R	PART NO.
3	11 5/8	11	R	9331-116-11
3	11 3/8	12	R	9331-114-12
3	11 1/8	13	R	9331-111-13
3	11 1/8	14	R	9331-111-14
3	11	15	R	9331-110-15

Stainless steel 4 blade				
RUBEX C4 RBX Rubber Hub				
B	D	P	R	PART NO.
4	11 1/2	12	R	9333-115-12
4	11 1/2	13	R	9333-115-13
4	11 1/2	14	R	9333-115-14

D 40~ 140 Horsepower (Thru Hub Exhaust) 4-1/4" Gearcase

Stainless steel 3 blade				
HYDRQ RBX Rubber Hub NEW !				
B	D	P	R	PART NO.
3	13 1/8	14	R	9481-131-14
3	13 1/8	16	R	9481-131-16
3	13 1/8	18	R	9481-131-18
3	13 1/8	20	R	9481-131-20
3	13 1/8	22	R	9481-131-22

Stainless steel 3 blade				
RUBEX NS3 RBX Rubber Hub				
B	D	P	R	PART NO.
3	13 3/4	13	R	9431-138-13
3	13 3/4	13	L	9432-138-13
3	13 1/2	15	R	9431-135-15
3	13 1/2	15	L	9432-135-15
3	13 1/4	17	R	9431-133-17
3	13 1/4	17	L	9432-133-17
3	13	19	R	9431-130-19
3	13	19	L	9432-130-19
3	13	21	R	9431-130-21

Stainless steel 4 blade				
RUBEX HR4 RBX Rubber Hub				
B	D	P	R	PART NO.
4	13 1/2	13	R	9453-135-13
4	13 1/2	13	L	9454-135-13
4	13 1/4	15	R	9453-133-15
4	13 1/4	15	L	9454-133-15
4	13 1/4	16	R	9453-133-16
4	13	17	R	9453-130-17
4	13	17	L	9454-130-17
4	13	19	R	9453-130-19
4	13	19	L	9454-130-19
4	13	21	R	9453-130-21
4	13	21	L	9454-130-21

D+ (Thru Hub Exhaust) 4-1/4" Gearcase

Stainless steel 3 blade				
RUBEX HR3 RBX Rubber Hub				
B	D	P	R	PART NO.
3	13.9	15	R	9451-139-15
3	13.9	15	L	9452-139-15
3	13.9	17	R	9451-139-17
3	13.9	17	L	9452-139-17
3	13.9	19	R	9451-139-19
3	13.9	19	L	9452-139-19
3	13.9	21	R	9451-139-21
3	13.9	21	L	9452-139-21
3	13.9	23	R	9451-139-23
3	13.9	23	L	9452-139-23
3	13.9	25	R	9451-139-25



Important :

RBX Hub Kits are required for installation.

(Hub Kit Not Included)
RBX Patent No : U.S 7,488,225

⊖ Notice:

1. Engine manufacturer recommends greasing the propeller shaft every 12 months.
2. Make sure all propeller hardware is installed correctly.



E 115 and up Horsepower (Thru Hub Exhaust) 4-3/4" Gearcase

Stainless steel 3 blade
RUBEX L3 RBX Rubber Hub

B	D	P	R	PART NO.
3	15 3/4	15	R	9571-158-15
3	15 3/4	15	L	9572-158-15
3	15 5/8	16	R	9571-156-16
3	15 5/8	16	L	9572-156-16
3	15 1/2	17	R	9571-155-17
3	15 1/2	17	L	9572-155-17
3	15 3/8	18	R	9571-154-18
3	15 3/8	18	L	9572-154-18
3	15 1/4	19	R	9571-153-19
3	15 1/4	19	L	9572-153-19
3	15 1/8	20	R	9571-151-20
3	15 1/8	20	L	9572-151-20
3	15	21	R	9571-150-21
3	15	21	L	9572-150-21
3	14 7/8	22	R	9571-149-22
3	14 7/8	22	L	9572-149-22
3	14 3/4	23	R	9571-148-23
3	14 3/4	23	L	9572-148-23
3	14 1/2	25	R	9571-145-25
3	14 1/2	25	L	9572-145-25
3	14 1/2	27	R	9571-145-27
3	14 1/2	27	L	9572-145-27

Stainless steel 3 blade
RUBEX HR3 RBX Rubber Hub

B	D	P	R	PART NO.
3	15	14	R	9551-150-14
3	15	14	L	9552-150-14
3	14 3/4	16	R	9551-148-16
3	14 3/4	16	L	9552-148-16
3	14 3/4	17	R	9551-148-17
3	14 3/4	17	L	9552-148-17
3	14 3/4	18	R	9551-148-18
3	14 3/4	18	L	9552-148-18
3	14 3/4	19	R	9551-148-19
3	14 3/4	19	L	9552-148-19
3	14 3/4	20	R	9551-148-20
3	14 3/4	20	L	9552-148-20
3	14 1/2	21	R	9551-145-21
3	14 1/2	21	L	9552-145-21
3	14 1/4	22	R	9551-143-22
3	14 1/4	22	L	9552-143-22
3	14	24	R	9551-140-24
3	14	24	L	9552-140-24

Stainless steel 3 blade
HYDRG RBX Rubber Hub

B	D	P	R	PART NO.
3	14 1/2	15	R	9581-145-15
3	14 1/2	15	L	9582-145-15
3	14 1/4	17	R	9581-143-17
3	14 1/4	17	L	9582-143-17
3	13 7/8	19	R	9581-139-19
3	13 7/8	19	L	9582-139-19
3	13 3/4	21	R	9581-138-21
3	13 3/4	21	L	9582-138-21

Stainless steel 3 blade SAV System
RUBEX S3 RBX Rubber Hub

B	D	P	R	PART NO.
3	15 1/8	21	R	9561-151-21
3	15 1/8	22	R	9561-151-22
3	15 1/8	23	R	9561-151-23
3	15 1/8	24	R	9561-151-24
3	15 1/8	25	R	9561-151-25
3	15 1/8	26	R	9561-151-26
3	15 1/8	27	R	9561-151-27
3	15 1/8	28	R	9561-151-28

Stainless steel 3 blade SAV System
Lab finished
PRO L3 RBX Rubber Hub

B	D	P	R	PART NO.
3	15 1/4	19	R	9575-153-19
3	15 1/4	19	L	9576-153-19
3	15	21	R	9575-150-21
3	15	21	L	9576-150-21
3	14 3/4	23	R	9575-148-23
3	14 3/4	23	L	9576-148-23
3	14 1/2	25	R	9575-145-25
3	14 1/2	25	L	9576-145-25

Stainless steel 4 blade
RUBEX HR4 RBX Rubber Hub

B	D	P	R	PART NO.
4	14 1/2	14	R	9553-145-14
4	14 1/2	15	R	9553-145-15
4	14 1/2	15	L	9554-145-15
4	14 1/2	16	R	9553-145-16
4	14 1/4	17	R	9553-143-17
4	14 1/4	17	L	9554-143-17
4	14 1/8	18	R	9553-141-18
4	14 1/8	18	L	9554-141-18
4	14 1/8	19	R	9553-141-19
4	14 1/8	19	L	9554-141-19
4	14	20	R	9553-140-20
4	14	20	L	9554-140-20
4	14	21	R	9553-140-21
4	14	21	L	9554-140-21
4	14	23	R	9553-140-23
4	14	23	L	9554-140-23
4	14	25	R	9553-140-25
4	14	25	L	9554-140-25

Stainless steel 4 blade SAV System
Lab finished
PRO L4 RBX Rubber Hub

B	D	P	R	PART NO.
4	15	18	R	9577-150-18
4	15	18	L	9578-150-18
4	15	20	R	9577-150-20
4	15	20	L	9578-150-20
4	15	22	R	9577-150-22
4	15	22	L	9578-150-22
4	15	24	R	9577-150-24
4	15	24	L	9578-150-24
4	15	26	R	9577-150-26
4	15	26	L	9578-150-26
4	15	28	R	9577-150-28
4	15	28	L	9578-150-28

Stainless steel 3 blade
RUBEX NS3 Plus RBX Rubber Hub

B	D	P	R	PART NO.
3	15 5/8	11	R	9531-156-11
3	15 5/8	13	R	9531-156-13
3	15 5/8	13	L	9532-156-13

Stainless steel 4 blade
RUBEX L4 RBX Rubber Hub

B	D	P	R	PART NO.
4	15 1/4	18	R	9573-153-18
4	15 1/4	18	L	9574-153-18
4	15 1/4	20	R	9573-153-20
4	15 1/4	20	L	9574-153-20
4	15 1/4	22	R	9573-153-22
4	15 1/4	22	L	9574-153-22
4	15 1/4	24	R	9573-153-24
4	15 1/4	24	L	9574-153-24
4	15 1/4	26	R	9573-153-26
4	15 1/4	26	L	9574-153-26
4	15 1/4	28	R	9573-153-28

Stainless steel 3 blade
RUBEX L3 Plus RBX Rubber Hub

B	D	P	R	PART NO.
3	16	13	R	* 9571-160-13
3	16	13	L	* 9572-160-13
3	16	15	R	9571-160-15
3	16	15	L	9572-160-15
3	16	17	R	9571-160-17
3	16	17	L	9572-160-17
3	16	19	R	9571-160-19
3	16	19	L	9572-160-19
3	15 3/4	21	R	9571-158-21
3	15 3/4	21	L	9572-158-21
3	15 5/8	23	R	9571-156-23
3	15 5/8	23	L	9572-156-23

* Lab finished version

Stainless steel 3 blade
RUBEX NS3 RBX Rubber Hub

B	D	P	R	PART NO.
3	14 1/2	15	R	9531-145-15
3	14 1/2	15	L	9532-145-15
3	14 1/4	17	R	9531-143-17
3	14 1/4	17	L	9532-143-17
3	14	19	R	9531-140-19
3	14	19	L	9532-140-19
3	14	21	R	9531-140-21
3	14	21	L	9532-140-21
3	14	23	R	9531-140-23
3	14	23	L	9532-140-23



RBX Patent No : U.S 7,488,225

Hub Kits for RUBEX

• RUBEX HUB KIT APPLICATION CHART •

RUBEX HUB KIT APPLICATION CHART		ALUMINUM HUB		BRONZE HUB		
Mercury / Mariner / Mercruiser		Hub Kit #	Hub #	Hub Kit #	Hub #	Prop Category
6,8,9.9 HP (2-Stroke) 86 & Newer, 10 HP 95 & Newer, 15 HP (2 & 4-Stroke) 89-06, 8, 9.9 HP (4-Stroke Not Big Foot) 02-04, 10, 15 HP (Sea Pro/Marathon) 95-01, (FORCE) 9.9 & 15 HP 96-98; 2-1/2" Gearcase (8 Tooth Spline)		N/A	N/A	RBX-A10	N/A	A
9.9 HP Bigfoot 4 Stroke 2005 & Newer, 15, 20 HP 4 Stroke 2007 & Newer, Japan Origin (Tohatsu) 2-1/2" Gearcase (14 Tooth Spline)		N/A	N/A	RBX-A50	N/A	A
9.9 & 15 HP (4-Stroke Big Foot/Sail) 99-2005, 18 HP (Mercury) 80-85, 20 HP (2-Stroke Mercury) 86-02, 20 HP (Mariner 2-stroke) 85 & Newer, 25 HP (Mariner 2-Stroke) 85 & Newer, 25 HP (2-Stroke Mercury) 80-05, 25 HP (Sea Pro/Marathon) All Years, (FORCE) 25 HP 3Cyl 95-98; (10 Tooth Spline) 3" Gearcase		N/A	N/A	RBX-B10	N/A	B1
25 HP 80-84, 28 HP 76-79, 30 HP 79-90; (10 Tooth Spline) (Japan Origin Yamaha) 3" Gearcase		N/A	N/A	RBX-B30	N/A	B2
25 HP 4-Stroke (Not Bigfoot) 06 & Newer, 30 HP 4-Stroke (Not Bigfoot) 06 & Newer; (Japan Origin Tohatsu) (10 Tooth Spline) 3" Gearcase		N/A	N/A	RBX-B50	N/A	B2
25 HP Bigfoot 1999-05, 30 HP Bigfoot 2010 and Newer, 30HP (2 & 4-Stroke) 1994-05, 30 HP (Sea Pro/Marathon) 1994 & Newer, 35 HP 1984-89, 402 & 500 Models 1974-84, 40 - 50 HP (2 & 4-Stroke, Not Bigfoot) 1997 & Newer, 45 HP 1986-1989, 48 HP (Mariner) All Years, 55 HP (Sea Pro/Marathon) 1995 & Newer, 60 HP (Mariner) 1976, 60 HP (2 & 4-Stroke, Not Bigfoot or Sea Pro/Marathon) 1978 & Newer, 65 HP (Includes Model 650) 1972-1976, 70 HP (Includes Model 700) thru 1983, 80 HP (Mariner) 1977; 13 Tooth spline 3-1/4" Gearcase		RBX-114	17013300	N/A	N/A	C
40-60 HP Bigfoot, 40-140 HP (except 135 HP) V4 Gearcase 1978 & Newer; 15 tooth spline 4-1/4" Gearcase		RBX-102	17015300	RBX-102B	17015304	D
90HP, 115HP (Command Thrust) 2014 & Newer, 135 HP 1987 & Newer, 150-300 HP 1978 & Newer; 15 tooth spline 4-3/4" Gearcase		RBX-102	17015300	RBX-102B	17015304	E
Mercruiser Alpha One & Bravo One (less than 400HP); 15 tooth spline		RBX-102	17015300	RBX-102B	17015304	E
Models with 1 1/4" propshaft; 19 tooth spline (Rubber & SS Hub)		RBX-123	17016300	N/A	N/A	E+
225 EFI (4-Stroke) manufactured by Yamaha ; 15 tooth spline 4-3/4" Gearcase		RBX-124	17015300	RBX-124B	17015304	E

Nissan / Tohatsu		Hub Kit #	Hub #	Hub Kit #	Hub #	Prop Category
9.9 HP (2-Stroke) 1984 & Newer, 15 HP (2-Stroke) 1985 & Newer, 18 HP (2-Stroke) 1985 & Newer, 20 HP (4-Stroke) 2007 & Newer, 9.9 HP (4-Stroke) 00-03, 15 HP (4-Stroke) 2000 & Newer, 18 HP (4-Stroke) 01-08, 12 HP 85-88, MFS 9.9, 15, 18, 20 (4-Stroke); MSFMFS 9.9, 15, 18, 20; 2-1/2" Gearcase (14 Tooth Spline)		N/A	N/A	RBX-A50	N/A	A
MFS 25, 30 (4-Stroke), NSF 25, 30 (4-Stroke), 25 HP 86-01, 25 HP (4-Stroke) 02 & Newer, 30 HP 85-01, 30 HP (4-Stroke) 02 & Newer, 30HP TLDI 2016 & Newer; (10 Tooth Spline) 3" Gearcase		N/A	N/A	RBX-B50	N/A	B2
35 HP (35B only) Thru 1984, 40 HP 1984 & Newer, 50 HP (All except 50C) 1992 & Newer; 13 tooth spline 3-1/4" Gearcase		RBX-116	17013300	N/A	N/A	C
50 HP (50C only) 1987-91, 55 HP 1981-88, 60A 1986-99, 70A & 70B 1981-95; 13 tooth spline 3-1/4" Gearcase		RBX-112	17013300	N/A	N/A	C
60-140 HP (except 60A, 70A, & 70B) 1987 & Newer; MFS75A-115A 2020 & Newer; 15 tooth spline 4-1/4" Gearcase		RBX-109	17015300	RBX-109B	17015304	D
BFT 115-250 HP 2014 & Newer; 15 tooth spline 4-3/4" Gearcase		RBX-107	17015300	RBX-107B	17015304	E



RBX Box

RUBEX HUB KIT APPLICATION CHART	ALUMINUM HUB		BRONZE HUB		Prop Category
	Hub Kit #	Hub #	Hub Kit #	Hub #	
Evinrude / Johnson / BRP					
8 HP (4-Stroke) 1996-2005; 9.9, 15 HP (2-Stroke) 1974-2005; 9.9, 15 HP (4-Stroke) 1995-2001, 12HP 2012 & Newer; 2-1/2" Gearcase (13 Tooth Spline)	N/A	N/A	RBX-A20	N/A	A
9.9 - 15 HP (4-Stroke) Johnson 02-07 JAPAN ORIGIN SUZUKI 2-1/2" Gearcase (10 Tooth Spline)	N/A	N/A	RBX-A40	N/A	A
15 HP E-TEC H.O. 2011 & Newer, 20 HP 2 Cyl 84-97, 25 HP (Commercial) 93-05, 25 HP 2 & 3 Cyl 84 & Newer, 25 HP E-TEC 2009 & Newer, 30 HP 2 Cyl 84 & Newer, 30 HP E-TEC 2009 & Newer, 35 HP 2 Cyl 79-83, 35 HP 3 Cyl 97-01; (14 Tooth Spline) 3" Gearcase	N/A	N/A	RBX-B20	N/A	B1
Johnson 25-30 HP (4-Stroke) 04-07; JAPAN ORIGIN SUZUKI (10 Tooth Spline) 3" Gearcase	N/A	N/A	RBX-B40	N/A	B3
40 & 50 HP (4-Stroke) 1999-05; 13 tooth spline 3-1/4" Gearcase	RBX-115	17013300	N/A	N/A	C
40-75 HP (Small Gearcase) 1975-2005; 13 tooth spline 3-3/8" Gearcase	RBX-111	17023300	N/A	N/A	C
40-75 HP (Large Gearcase) 1968 & Newer, 85-140 HP 1969 & Newer; 13 tooth spline 4-1/4" Gearcase	RBX-106	17024300	RBX-106B	17024301	D
60 & 70 HP (4-Stroke) 1998 & Newer; 13 tooth spline 4-1/4" Gearcase	RBX-110	17024300	RBX-110B	17024301	D
90 & 115 HP (4-Stroke) 2002-07; 15 tooth spline 4-1/4" Gearcase	RBX-125	17015300	RBX-125B	17015304	D
140 HP (4-Stroke) 2002-07; 15 tooth spline 4-1/4" Gearcase	RBX-126	17015300	RBX-126B	17015304	D
90-300 HP 1991 & Newer; 15 tooth spline 4-3/4" Gearcase	RBX-100	17025300	RBX-100B	17025302	E
90-300 HP 1976-90; 15 tooth spline 4-3/4" Gearcase	RBX-101	17025300	RBX-101B	17025302	E
200 & 225 HP (4-Stroke) 2004-2005; 15 tooth spline 4-3/4" Gearcase	RBX-104	17015300	RBX-104B	17015304	E
150-300 HP G2 Engine 2014 & Newer; 15 tooth spline 4-3/4" Gearcase	RBX-151	17025301	RBX-151B	17025303	E

Honda	Hub Kit #	Hub #	Hub Kit #	Hub #	Prop Category
BF 8 HP 00 & Newer, BF 15 HP 91 & Newer, BF 9.9 HP 88 & Newer, BF 20 HP 03 & Newer; 2-1/2" Gearcase (8 Tooth Spline)	N/A	N/A	RBX-A30	N/A	A
BF 25 HP 94 & Newer, BF 30 HP 95 & Newer; (10 Tooth Spline) 3" Gearcase	N/A	N/A	RBX-B50	N/A	B2
BF 35 & BF 45 1991-94, BF 40, 50, & 50A 1995 & Newer, BF 60 2010 & Newer; 13 Tooth Spline 3-1/4" Gearcase	RBX-113	17013300	N/A	N/A	C
BFP 60 2010 & Newer, BF 75 & BF 90 1999 & Newer, BF80 & BF100 2013 & Newer. BF 115 1998-10, BF 130 1998-04; 15 Tooth Spline 4-1/4" Gearcase	RBX-107	17015300	RBX-107B	17015304	D
BF 75-90 1995-98; 15 tooth spline 4-1/4" Gearcase	RBX-102	17015300	RBX-102B	17015304	D
BF 115D 2011 & Newer, BF 135-250 2002 & Newer; 15 Tooth Spline 4-3/4" Gearcase	RBX-107	17015300	RBX-107B	17015304	E

Force	Hub Kit #	Hub #	Hub Kit #	Hub #	Prop Category
40 & 50 HP 1995-98, 70 HP 1991-95, 75 HP 1996-98; 13 tooth spline 3-1/4" Gearcase	RBX-114	17013300	N/A	N/A	C
75-150 HP (Thru Hub Exhaust) 1995-99, 85-150 HP (Dual Exhaust) 1988-94; 15 Tooth Spline 4-3/4" Gearcase	RBX-102	17015300	RBX-102B	17015304	D

RUBEX HUB KIT APPLICATION CHART	ALUMINUM HUB		BRONZE HUB		Prop Category
	Hub Kit #	Hub #	Hub Kit #	Hub #	
Yamaha					
T8, T9.9 All, F9.9 (4-Stroke) 00-07, F15 (4 Stroke) 98 & Newer, F20(4-Stroke) 07-17, 9.9 HP (2-Stroke) 84-09, 15 HP (2-Stroke) 84-09, F15 C 07 & Newer, 2-1/2" Gearcase (8 Tooth Spline)	N/A	N/A	RBX-A30	N/A	A
20 HP 96-97, F20 (4 Stroke) 18 & Newer , F25 (4 Stroke) 98-06; 10 & Newer, 25 HP 80 & Newer, 30 HP 1979-2002 (10 Tooth Spline) 3" Gearcase	N/A	N/A	RBX-B30	N/A	B2
T25 HP 2010 - 2018, F30 (4-Stroke) 2001-05, F40 (4-Stroke) 1999 & Newer, F50 (4-Stroke) 1995 & Newer, F60 (4-Stroke) 1999 & Newer, 40 HP & 50 HP (not T50) 1984 & Newer, 48 HP 1995-00, 55 HP 1976-95, 60 HP 1976-91 (not T60); 13 tooth spline 3-1/2" Gearcase	RBX-117	17013300	N/A	N/A	C
T50 1996 & Newer, T60 2003 & Newer, 60 HP (not F60) 1992-05, 70-100 HP (not F75B, F90B & F100B) 1984 & Newer; 15 tooth spline 4-1/4" Gearcase	RBX-208	17015302	RBX-208B	17015301	D
80-140 HP 1977-83; 15 tooth spline 4-1/4" Gearcase	RBX-102	17015300	RBX-102B	17015304	D
F75B & F90B & F100B / 115 HP & 130 HP 1984 & Newer, F115 (4-Stroke) 2000 & Newer; 15 tooth spline 4-1/4" Gearcase	RBX-203	17015302	RBX-203B	17015301	D
150-175 HP 1978-83; 15 tooth spline 4-3/4"Gearcase	RBX-102	17015300	RBX-102B	17015304	E
150-225 HP 1984 & Newer, 15 tooth spline	RBX-203	17015302	RBX-203B	17015301	E
250 HP 1984 & Newer, 15 tooth spline; 300 HP (4 Stroke V6 Engine) 2004-2007 & 2010 & Newer; Sterndrives 1989-1993, 15 tooth spline	N/A	N/A	RBX-203B	17015301	E
200 – 250 HP VMAX SHO V6	N/A	N/A	RBX-203X	17015301	E
300 HP (4-stroke V8 Engine), 350 HP (4-stroke V8 Engine); 17 tooth spline 5-1/4" Gearcase (Rubber & Bronze Hub)	N/A	N/A	RBX-127	17039300	E+

You need a Hub Kit and a Prop for complete installation :

- 1. Locate Horsepower/Model and Year.**
- 2. Read across to reference RUBEX™ Hub Kit/Propeller series.**
- 3. Select propeller diameter & pitch from corresponding propeller series.**

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RBX Box

RUBEX HUB KIT APPLICATION CHART	ALUMINUM HUB		BRONZE HUB		Prop Category
	Hub Kit #	Hub #	Hub Kit #	Hub #	
OMC / Cobra Sterndrives					
Model 400 Cobra 1978-91; 13 tooth spline 4-1/4" Gearcase	RBX-106	17024300	RBX-106B	17024301	D
Model 800/Cobra/King Cobra 1978-90; 15 tooth spline 4-3/4" Gearcase	RBX-101	17025300	RBX-101B	17025302	E
Model 800/Cobra/King Cobra 1991-94; 15 tooth spline 4-3/4" Gearcase	RBX-100	17025300	RBX-100B	17025302	E
Cobra SX 1994 & Newer; 19 tooth spline 4-3/4" Gearcase	RBX-105	17075300	RBX-105B	17075301	E

Volvo	Hub Kit #	Hub #	Hub Kit #	Hub #	Prop Category
SX Sterndrives 1994 & Newer; 19 tooth spline 4-3/4" Gearcase	RBX-105	17075300	RBX-105B	17075301	E

Suzuki	Hub Kit #	Hub #	Hub Kit #	Hub #	Prop Category
DF 8A (4-Stroke) 2011 & Newer, DF 9.9A/DF9.9B (4-Stroke) 2010 & Newer, DF 15 (4-Stroke) 96-2012, DT 9.9 83-87, DT 15 83-88, 9.9C and 9.9CN not applicable, DF 9.9 (4 Stroke) 96 & Newer, DT 15C 89-97, DF 15A; DF20A 2013 & Newer 2-1/2" Gearcase (10 Tooth Spline)	N/A	N/A	RBX-A40	N/A	A
DT 20 83-88, DF 25A 2014 & Newer, DT 25 & 25C 83-00, DF 25 (Includes V-Twin) 2000 & Newer, DF 25R 2010 & Newer, DT 30 & 30C 83-97, DF 30 00-07, DF 30A 2014 & Newer; (10 Tooth Spline) 3" Gearcase	N/A	N/A	RBX-B40	N/A	B3
DT 35C 1987-89, DT 40 1983-98, DF 40 & DF 50 (4-Stroke) 1999-10, DF 40A & DF 50A (4-Stroke) 2011 & Newer, DT 50 & 50M 1983-84, DT 55 1985-97, DT 60 1983-84, DF 60A (4-Stroke) 2010 & Newer, DT 65 1985-97; 13 tooth spline 3-1/4" Gearcase	RBX-115	17013300	N/A	N/A	C
DF 60 (4-Stroke) 1998-09, DF 70 (4-Stroke) 1998-08, DT 75-140 HP 1979-01; 13 tooth spline 4-1/4" Gearcase	RBX-110	17024300	RBX-110B	17024301	D
DF 70A & DF 80A & DF 90A (4-Stroke) 2009 & Newer; 15 tooth spline 4-1/4" Gearcase	RBX-150	17015300	RBX-150B	17015304	D
DF 90 2001-08, DF 100 2009 & Newer, DF 115 2001-12, (All 4-Stroke); 15 tooth spline 4-1/4" Gearcase	RBX-125	17015300	RBX-125B	17015304	D
DF 115A & 140A 2013 & Newer, DF 140 2002-12, (All 4-Stroke); 15 tooth spline 4-1/4" Gearcase	RBX-126	17015300	RBX-126B	17015304	D
DT 150-225 HP (2-Stroke) 1986 & Newer, DF 150-300 HP (4-Stroke); 15 tooth spline 4-3/4" Gearcase	RBX-104	17015300	RBX-104B	17015304	E

OXE Diesel	Hub Kit #	Hub #	Hub Kit #	Hub #	Prop Category
125 HP, 150 HP, 175 HP, 200 HP; 15 tooth spline	RBX-102	17015300	RBX-102B	17015304	E
300 HP; 17 tooth spline	N/A	N/A	RBX-128	17039300	E+

COX Diesel	Hub Kit #	Hub #	Hub Kit #	Hub #	Prop Category
300 HP; 19 tooth spline (Rubber & SS Hub)	RBX-123	17016300	N/A	N/A	E+

You need a Hub Kit and a Prop for complete installation :

1. Locate Horsepower/Model and Year.
2. Read across to reference RUBEX™ Hub Kit/Propeller series.
3. Select propeller diameter & pitch from corresponding propeller series.

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HOW TO CHOOSE A RUBEX™ HUB

BRONZE	OR ALUMINUM
	
<p>Suggested for :</p> <ul style="list-style-type: none">> High Horsepower (115 & Up)> Extreme Use> Saltwater / Freshwater Use> Stainless Steel Propellers	<p>Suggested for :</p> <ul style="list-style-type: none">> Low to High Horsepower> Regular Use> Freshwater & Occasional Saltwater Use> Aluminum & Stainless Steel Propellers

The "B" found at the end of the RUBEX hub kit number denotes that the hub has a bronze core. RUBEX hub kits with a "B" will fit the same applications as its none "B" counterpart.

A 6~15 Horsepower / 2-1/2" Gearcase (8Tooth SPLINE & THRU HUB EXHAUST)

6, 8, 9.9 HP (2-Stroke) 86 ~
8, 9.9 HP (4-Stroke Not Big Foot) 02 ~ 04

10 HP 95 ~
10, 15 HP (Sea Pro/Marathon) ... 95 ~ 01

15 HP (2 & 4-Stroke) ... 89 ~ 06
(FORCE) 9.9 & 15 HP ... 96 ~ 98

SATURN Stainless steel 3 blade
PROP Rubber Hub (8 Tooth Spline)

B	D	P	R	PART NO.
3	9 1/4	7	R	1121-093-07
3	9 1/4	8	R	1121-093-08
3	9 1/4	9	R	1121-093-09
3	9 1/4	10	R	1121-093-10
3	9 1/4	11	R	1121-093-11
3	9 1/4	12	R	1121-093-12



SATURN
General Purpose Propeller

1121-093-09

Prop hardware for pressed in hub propeller.

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)
	MATW	MASP		MANT
A			N/A	

KITS part # : 17011501

* Required hardware to install propeller that SOLAS makes in hub A series propeller.

A 9.9~20 Horsepower / (2-1/2" Gearcase, 14 Tooth Spline) Japan Origin

9.9 HP Big Foot 2005~Newer; 15,20hp(4-Stroke)2007~Newer Tohatsu

SATURN Stainless steel 3 blade
PROP Rubber Hub

B	D	P	R	PART NO.
3	9 1/4	7	R	5121-093-07
3	9 1/4	8	R	5121-093-08
3	9 1/4	9	R	5121-093-09
3	9 1/4	10	R	5121-093-10
3	9 1/4	11	R	5121-093-11
3	9 1/4	12	R	5121-093-12



5121-093-09

Prop hardware for pressed in hub propeller.

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
				TANT	Apin(1/8")
A	Original TOHATSU Part	Original TOHATSU Part	Original TOHATSU Part		

* Required hardware to install propeller that SOLAS makes in hub A series propeller.



2.5~3.5HP (Plastic Propeller) (Pin Drive)

B	D	P	R	PART NO.
3	7 1/4	6	R	0001-073-06-P



5 4 ~ 6 Horsepower (12 Tooth Spline & Thru Hub Exhaust)

4hp 4 Stroke 1999 ~ 4hp 2 Stroke 1987 ~
5hp 2 Stroke 1987 ~ 6hp 4 Stroke 1999 ~

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	7.8	6	R	5011-078-06
3	7.8	7	R	5011-078-07
3	7.8	8	R	5011-078-08
3	7.8	9	R	5011-078-09



8HP (Pin Drive)

8HP 1976-84 Mariner

B	D	P	R	PART NO.
3	8,25	7	R	2011-083-08P



2011-083-08P Rubber Hub: PO6-RB P/N: 1798001

8 8 ~ 9.9Horsepower / 2-1/2" Gearcase (12 Tooth Spline & Thru Hub Exhaust)

Mercury 8,9.9HP 4-Stroke (Non Bigfoot) 2005~Newer

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	8.5	7	R	5011-085-07
3	8.5	8	R	5011-085-08
3	8.5	9	R	5011-085-09

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	8.7	5	R	5013-087-05
4	8.7	7	R	5013-087-07

High Thrust Propeller

Excellent forward and reverse thrust.
Ideal for kicker/auxiliary engines with heavy loads



5011-085-08



5013-087-07

A 6~15 Horsepower / 2-1/2" Gearcase (8TOOTH SPLINE & THRU HUB EXHAUST)

6, 8, 9.9 HP (2-Stroke) 86 ~
8, 9.9 HP (4-Stroke Not Big Foot) 02 ~ 04

10 HP 95 ~
10, 15 HP (Sea Pro/Marathon) ... 95 ~ 01

15 HP (2 & 4-Stroke) ... 89 ~ 06
(FORCE) 9.9 & 15 HP 96 ~ 98

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	9.25	7	R	1111-093-07
3	9.25	8	R	1111-093-08
3	9.25	9	R	1111-093-09
3	9.25	10	R	1111-093-10
3	9.25	11	R	1111-093-11
3	9.25	12	R	1111-093-12

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	9.25	7	R	1113-093-07
4	9.25	8	R	1113-093-08
4	9.25	9	R	1113-093-09
4	9.25	10	R	1113-093-10
4	9.25	11	R	1113-093-11

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	10	5	R	1113-100-05
4	10	7	R	1113-100-07

High Thrust Propeller

Excellent forward and reverse thrust.
Ideal for kicker/auxiliary engines with heavy loads



1111-093-10



1113-100-07

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)
	MATW	MASP		MANT
A			N/A	

KITS part #: 17011501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub A series propeller.

A 9.9~20 Horsepower / (2-1/2" Gearcase, 14 Tooth Spline) Japan Origin

9.9 HP Big Foot 2005~Newer; 15,20hp(4-Stroke)2007~Newer Tohatsu

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	9.25	7	R	5111-093-07
3	9.25	8	R	5111-093-08
3	9.25	9	R	5111-093-09
3	9.25	10	R	5111-093-10
3	9.25	11	R	5111-093-11
3	9.25	12	R	5111-093-12

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	9.25	7	R	5113-093-07
4	9.25	8	R	5113-093-08
4	9.25	9	R	5113-093-09
4	9.25	10	R	5113-093-10
4	9.25	11	R	5113-093-11

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	10	5	R	5113-100-05
4	10	7	R	5113-100-07

High Thrust Propeller

Excellent forward and reverse thrust.
Ideal for kicker/auxiliary engines with heavy loads

Prop hardware for pressed in hub propeller.

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
	Original TOHATSU Part	Original TOHATSU Part	Original TOHATSU Part	TANT	Apin(1/8")
A					

B 9.9~25 Horsepower / 3" Gearcase (10 Tooth SPLINE & THRU HUB EXHAUST)

9.9&15HP (4-Stroke Big Foot/Sail) ...99~2005
18 HP (Mercury)80 ~ 85

20 HP (2-Stroke Mercury) ... 86 ~ 02
25 HP (Mariner 2-Stroke) 85 ~

25 HP (2-Stroke Mercury) 80 ~ 05
25 HP (Sea Pro/Marathon) All Years

20 HP (Mariner 2-Stroke) ... 85 ~
(FORCE) 25 HP 3Cyl 95 ~ 98

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	10 3/4	10	R	1231-108-10
3	10 1/2	11	R	1231-105-11
3	10 1/4	12	R	1231-103-12
3	10 1/8	13	R	1231-101-13
3	10	14	R	1231-100-14
3	10	15	R	1231-100-15



HRTITAN4 PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	10	10	R	1253-100-10
4	10	11	R	1253-100-11
4	10	12	R	1253-100-12



Thrust Washer (1/each)	Spacer (1/each)	Washer (2/each)	Nut (1/each)
MBTW	Installed on Prop	MBWS	MBNT

KITS part # : 17012501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub B series propeller.

B 25-30 Horsepower Mariner (Japan Origin Yamaha) 3" Gearcase(10 Tooth Spline)

25 HP.....80-84 28 HP.....76-79 30 HP.....79-90

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	10 3/4	10	R	3231-108-10
3	10 1/2	11	R	3231-105-11
3	10 1/4	12	R	3231-103-12
3	10 1/8	13	R	3231-101-13
3	10	14	R	3231-100-14
3	10	15	R	3231-100-15

NEW SATURN PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	10	9	R	3233-100-09
4	10	10	R	3233-100-10

HRTITAN4 PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	10	10	R	3253-100-10
4	10	11	R	3253-100-11
4	10	12	R	3253-100-12

Thrust Washer (1/each)	Spacer (1/each)	Washer (2/each)	Nut (1/each)	Cutter Pin (4/each)
Original YAMAHA Part	Original YAMAHA Part	Original YAMAHA Part	YBNT	Apin(1 1/8")

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub B series propeller.

B 25-30 Horsepower (Japan Origin Tohatsu) 3" Gearcase(10 Tooth Spline)

25 HP 4-Stroke (Not Bigfoot).....06-Newer
30 HP 4-Stroke (Not Bigfoot).....06-Newer

SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	10	8	R	5221-100-08
3	10	9	R	5221-100-09
3	10	10	R	5221-100-10
3	10	11	R	5221-100-11
3	10	12	R	5221-100-12
3	10	13	R	5221-100-13
3	10	14	R	5221-100-14



NEW SATURN PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	10	9	R	5233-100-09
4	10	10	R	5233-100-10



HRTITAN4 PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	10	10	R	5253-100-10
4	10	11	R	5253-100-11
4	10	12	R	5253-100-12



Thrust Washer (1/each)	Spacer (1/each)	Washer (2/each)	Nut (1/each)	Cutter Pin (4/each)
Original TOHATSU Part	Original TOHATSU Part	Original TOHATSU Part	TANT	Apin(1 1/8")

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub B series propeller.

B 9.9~25 Horsepower / 3" Gearcase (10 Tooth SPLINE & THRU HUB EXHAUST)

9.9&15HP (4-Stroke Big Foot/Sail) ...99~2005
18 HP (Mercury)80 ~ 85

20 HP (2-Stroke Mercury) ... 86 ~ 02
25 HP (Mariner 2-Stroke) 85 ~

25 HP (2-Stroke Mercury) 80 ~ 05
25 HP (Sea Pro/Marathon) All Years

20 HP (Mariner 2-Stroke) ... 85 ~
(FORCE) 25 HP 3Cyl 95 ~ 98

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	11	9	R	1211-110-09
3	10.5	11	R	1211-105-11
3	10.3	12	R	1211-103-12
3	10.1	13	R	1211-101-13
3	10	14	R	1211-100-14
3	10	15	R	1211-100-15



1211-103-12

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	10.2	11	R	1213-102-11
4	10.1	12	R	1213-101-12
4	10	13	R	1213-100-13
4	10	14	R	1213-100-14
4	10	15	R	1213-100-15



1213-100-13

15~25HP (Pin Drive) Mariner

15HP 1976-1981 : 15A HP 1979-1982
20HP 1976-1979 : 25HP 1977-1979
W15 1977-1985

B	D	P	R	PART NO.
3	9	10	R	2111-090-10P
3	9.25	11	R	2111-093-11P



2111-093-11P

15~25HP (Spline Drive)

B	D	P	R	PART NO.
3	9	10	R	2111-090-10S
3	9.25	11	R	2111-093-11S



Pin Drive

Rubber Hub: POA-RB2
P/N: 1798102



Spline Drive

Rubber Hub: POA-RB
P/N: 1798101



3211-099-12



3213-100-13

B 25-30 Horsepower Mariner (Japan Origin Yamaha) 3" Gearcase(10 Tooth Spline)

25 HP.....80-84 28 HP.....76-79 30 HP.....79-90

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	9.9	9	R	3211-099-09
3	9.9	10	R	3211-099-10
3	9.9	11	R	3211-099-11
3	9.9	12	R	3211-099-12
3	9.9	13	R	3211-099-13

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	10.2	11	R	3213-102-11
4	10.1	12	R	3213-101-12
4	10	13	R	3213-100-13
4	10	14	R	3213-100-14
4	10	15	R	3213-100-15

Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
Original YAMAHA Part	Original YAMAHA Part	Original YAMAHA Part	YBNT	Apin(1 1/8")

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub B series propeller.

B 25-30 Horsepower (Japan Origin Tohatsu) 3" Gearcase(10 Tooth Spline)

25 HP 4-Stroke (Not Bigfoot).....06-Newer 30 HP 4-Stroke (Not Bigfoot).....06-Newer

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	9.9	9	R	5211-099-09
3	9.9	10	R	5211-099-10
3	9.9	11	R	5211-099-11
3	9.9	12	R	5211-099-12
3	9.9	13	R	5211-099-13
3	9.9	14	R	5211-099-14

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	10.2	11	R	5213-102-11
4	10.1	12	R	5213-101-12
4	10	13	R	5213-100-13
4	10	14	R	5213-100-14
4	10	15	R	5213-100-15



5211-099-11



5013-100-13

Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
Original TOHATSU Part	Original TOHATSU Part	Original TOHATSU Part	TANT	Apin(1 1/8")

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub B series propeller.

C 25~70 Horsepower / 3-1/4" Gearcase (13 Tooth SPLINE & THRU HUB EXHAUST)

25 HP Bigfoot (4-Stroke) 99 ~ 05	402 & 500 Models 1974 ~ Newer	50 HP (2 & 4-Stroke) (Not Bigfoot) 77 ~
30 HP Bigfoot (4-Stroke) 2010 ~	40 HP (2 & 4-Stroke) (Not Bigfoot) .. 77 ~	55 HP (Mercury/Sea Pro/Marathon) 95 ~
30 HP (2 & 4-Stroke) 94 ~ 05	40 HP (Sea Pro/Marathon) 77 ~	60 HP (4-Stroke) (Not Bigfoot or Sea Pro/Marathon) ... 78 ~
30 HP (Sea Pro/Marathon) 94 ~	45 HP..... 86 ~ 89	60 HP (2-Stroke) 78 ~
35 HP 84 ~ 89	48 HP (Mariner) All Years	70 HP (Includes Model 700)..... ~ 83
		(FORCE) 40/50 HP ... 95 ~ 98, 70 HP 91 ~ 95, 75 HP 96 ~ 98

NEW SATURN Stainless steel 3 blade
PROP Rubber Hub

B	D	P	R	PART NO.
3	12	8	R	1331-120-08
3	12	9	R	1331-120-09
3	11 7/8	10	R	1331-119-10
3	11 5/8	11	R	1331-116-11
3	11 3/8	12	R	1331-114-12
3	11 1/8	13	R	1331-111-13
3	11 1/8	14	R	1331-111-14
3	11	15	R	1331-110-15

SATURN Stainless steel 3 blade
PROP Rubber Hub

B	D	P	R	PART NO.
3	12 1/4	9	R	1321-123-09
3	11 3/4	11	R	1321-118-11
3	11 1/2	12	R	1321-115-12
3	11 1/8	13	R	1321-111-13
3	11 1/8	14	R	1321-111-14
3	11	15	R	1321-110-15

Prop hardware for pressed in hub propeller.



KITS part #: 17013501

* Required hardware to install propeller that SOLAS makes in hub C series propeller.

C 40 Horsepower (Japan Origin Tohatsu) 13 Tooth Spline

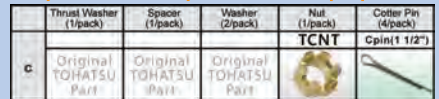
NEW SATURN Stainless steel 3 blade
PROP Rubber Hub

B	D	P	R	PART NO.
3	12	8	R	5331-120-08
3	12	9	R	5331-120-09
3	11 7/8	10	R	5331-119-10
3	11 5/8	11	R	5331-116-11
3	11 3/8	12	R	5331-114-12
3	11 1/8	13	R	5331-111-13
3	11 1/8	14	R	5331-111-14
3	11	15	R	5331-110-15

SATURN Stainless steel 3 blade
PROP Rubber Hub

B	D	P	R	PART NO.
3	12 1/4	9	R	5321-123-09
3	11 3/4	11	R	5321-118-11
3	11 1/2	12	R	5321-115-12
3	11 1/8	13	R	5321-111-13
3	11 1/8	14	R	5321-111-14
3	11	15	R	5321-110-15

Prop hardware for pressed in hub propeller.



* Required hardware to install propeller that SOLAS makes in hub C series propeller.

D 40~140 Horsepower / 4-1/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

40 HP Bigfoot (4-Stroke)/CT All Years	75 HP (Sea Pro/Marathon) ... All Years	100 HP 88 ~ 99
50 HP Bigfoot (4-Stroke)/CT.... All Years	80 HP 78 ~ 89	115 HP (2 & 4-Stroke) 78 ~
60 HP Bigfoot (4-Stroke)/CT 95 ~	80 HP (Mariner) 78 ~ 83	115 HP (Yamaha) 78 ~ 83
60 HP (Sea Pro/Marathon) 95 ~	80 HP (Yamaha) 77 - 83	125 HP 94 ~ Newer
65 HP (Model 650 - 4 Cyl.) 61 ~ 70	80 HP (Model 800, 2 & 4 Cyl.) ~ 77	140 HP (Includes Sea Pro/Offshore) .. 78 ~ 81
65 HP (Model 650 - 2 Cyl.) ~ 79	85 HP (Model 850, 2 & 4 Cyl.) ~ 77	140 HP (Yamaha) 78 ~ 79
70 HP 87 ~ 89	90 HP (2 & 4-Stroke) 78 ~	Models 900 ~ 1500 ~ 77
75 HP (2 & 4-Stroke) 84 ~	90 HP (Yamaha) 78 ~ 83	(FORCE) 75 HP ... 1999 ~ & 90, 120, 150 HP ... 1995 ~

NEW SATURN Stainless steel 3 blade
PROP Rubber Hub

B	D	P	R	PART NO.
3	14	11	R	1431-140-11
3	13 3/4	13	R	1431-138-13
3	13 1/2	15	R	1431-135-15
3	13 1/4	17	R	1431-133-17
3	13	19	R	1431-130-19
3	13	21	R	1431-130-21

TITAN Stainless steel 3 blade
PROP Rubber Hub

B	D	P	R	PART NO.
3	13 3/4	13	R	1441-138-13
3	13 3/4	15	R	1441-138-15
3	13 1/4	17	R	1441-133-17
3	13 1/4	19	R	1441-133-19

HRTITAN4 Stainless steel 4 blade
PROP Rubber Hub

B	D	P	R	PART NO.
4	13 1/2	13	R	1453-135-13
4	13 1/4	15	R	1453-133-15
4	13	17	R	1453-130-17
4	13	19	R	1453-130-19
4	13	21	R	1453-130-21

Note: Propeller hardware refer to Page P6.

C 25~70 Horsepower / 3-1/4" Gearcase (13 Tooth SPLINE & THRU HUB EXHAUST)

25 HP Bigfoot (4-Stroke) 99 ~ 05	402 & 500 Models 1974 ~ Newer	50 HP (2 & 4-Stroke) (Not Bigfoot) 77 ~
30 HP Bigfoot (4-Stroke) 2010 ~	40 HP (2 & 4-Stroke) (Not Bigfoot) .. 77 ~	55 HP (Mercury/Sea Pro/Marathon) 95 ~
30 HP (2 & 4-Stroke) 94 ~ 05	40 HP (Sea Pro/Marathon) 77 ~	60 HP (4-Stroke) (Not Bigfoot or Sea Pro/Marathon) ... 78 ~
30 HP (Sea Pro/Marathon) 94 ~	45 HP..... 86 ~ 89	60 HP (2-Stroke) 78 ~
35 HP 84 ~ 89	48 HP (Mariner) All Years	70 HP (Includes Model 700)..... ~ 83
		(FORCE) 40/50 HP ... 95 ~ 98, 70 HP 91 ~ 95, 75 HP 96 ~ 98

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	12.2	7	R	1311-122-07
3	12.2	8	R	1311-122-08
3	12.1	9	R	1311-121-09
3	11.8	10	R	1311-118-10
3	11.6	11	R	1311-116-11
3	11.4	12	R	1311-114-12
3	11.1	13	R	1311-111-13
3	11.1	14	R	1311-111-14
3	11	15	R	1311-110-15
3	11	16	R	1311-110-16
3	11	17	R	1311-110-17

AMITA 3 Aluminum 3 blade -C Plus Rubber Hub

B	D	P	R	PART NO.
3	12	10	R	1311-120-10
3	11.8	11	R	1311-118-11
3	11.6	12	R	1311-116-12
3	11.6	13	R	1311-116-13
3	11.6	14	R	1311-116-14

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	11.8	9	R	1313-118-09
4	11.4	10	R	1313-114-10
4	11.1	11	R	1313-111-11
4	10.8	12	R	1313-108-12
4	10.5	13	R	1313-105-13
4	10.5	14	R	1313-105-14

Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)
MCTW	Installed on Prop	MCWS	MCNT
KITS part # : 17013501			

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub C series propeller.

D 40~140 Horsepower / 4-1/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

40 HP Bigfoot (4-Stroke)/CT All Years	75 HP (Sea Pro/Marathon) ... All Years	100 HP 88 ~ 99
50 HP Bigfoot (4-Stroke)/CT..... All Years	80 HP 78 ~ 89	115 HP (2 & 4-Stroke) 78 ~
60 HP Bigfoot (4-Stroke)/CT 95 ~	80 HP (Mariner) 78 ~ 83	115 HP (Yamaha) 78 ~ 83
60 HP (Sea Pro/Marathon) 95 ~	80 HP (Yamaha) 77 ~ 83	125 HP 94 ~ Newer
65 HP (Model 650 - 4 Cyl.) 61 ~ 70	80 HP (Model 800, 2 & 4 Cyl.) ~ 77	140 HP (Includes Sea Pro/Offshore) .. 78 ~ 81
65 HP (Model 650 - 2 Cyl.) ~ 71	85 HP (Model 850, 2 & 4 Cyl.) ~ 77	140 HP (Yamaha) 78 ~ 79
70 HP 87 ~ 89	90 HP (2 & 4-Stroke) 78 ~	Models 900 ~ 1500 ~ 77
75 HP (2 & 4-Stroke) 84 ~	90 HP (Yamaha) 78 ~ 83	(FORCE) 75 HP ... 1999 ~ & 90, 120, 150 HP ... 1995 ~

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	14	9	R	1411-140-09
3	14	11	R	1411-140-11
3	13.75	13	R	1411-138-13
3	13.5	14	R	1411-135-14
3	13.5	15	R	1411-135-15
3	13.5	16	R	1411-135-16
3	13.25	17	R	1411-133-17
3	13.25	18	R	1411-133-18
3	13	19	R	1411-130-19
3	13	21	R	1411-130-21

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	13.2	19	R	1411-132-19
3	13.2	21	R	1411-132-21

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	13.25	13	R	1413-133-13
4	13	15	R	1413-130-15
4	12.75	17	R	1413-128-17
4	12.5	19	R	1413-125-19
4	12.5	21	R	1413-125-21

*** DO NOT USE "NEW" MD PROPELLER FOR HONDA ENGINE***

Original SOLAS MD Propeller (Front view)

MD-TW

Aluminum Propeller Stainless steel Propeller

* New SOLAS MD Propeller (Front view)

Original Mercury Flo-Torq Thrust Washer ME-TW 81013150

Aluminum Propeller Stainless steel Propeller

* Original design is no longer manufactured. When current inventory is depleted use new version.

Note: Thrust Washer not included, please use Original Mercury Flo-Torq Thrust Washer part # 12-8354671, or Solas thrust washer part # ME-TW / 81013150

Mercury, Flo-Torq are registered trademarks of the Brunswick Corporation.

Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)
MDTW	Installed on Prop	MEWS	MDNT
KITS part # : 17014501			

Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)
METW	Installed on Prop	MEWS	MDNT
D-1 81013150	KITS part # : 17014501A		

E 90~ Horsepower / 4-3/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

90 HP (Command Thrust) 2014 ~	200 HP 78 ~	MERCURISER STERNDRIVES
100 HP (Command Thrust) ... 2015 ~	220 HP 87 ~ 88	MODELS 15, 1B, 1C ... ~ 82
115 HP (Command Thrust) ... 2014 ~	225 HP 80 ~	MODELS 120, 140, 145 DTS ... ~ 82
135 HP 87 ~	225 HP (Marathon)..... All Years	MODELS 165, 228, 470, 485, 888, 898 ... ~ 82
150 HP 78 ~	250 HP 94 ~	MODELS 225S, 233, 255TRS, 260, 280TRS, 330TRS ... ~ 82
150 HP (Yamaha) 79 ~ 83	275 HP 90 ~ 94	MERCURISER 120 ~ 260 HP ... 83 ~ 85
175 HP 78 ~	300 HP 83, & 99 ~	ALPHA ONE DRIVE (Gen.1 & Gen. 2 All Motors & HP)
175 HP (Yamaha) 78 ~ 79	3.4 Litre 84 ~ 86	BRAVO ONE DRIVE (Bravo One & Bravo One X Drives Only)

NEW SATURN Stainless steel 3 blade
PROP Rubber Hub

B	D	P	R	PART NO.
3	14 1/2	15	R	1531-145-15
3	14 1/2	15	L	1532-145-15
3	14 1/4	17	R	1531-143-17
3	14 1/4	17	L	1532-143-17
3	14	19	R	1531-140-19
3	14	19	L	1532-140-19
3	14	21	R	1531-140-21
3	14	21	L	1532-140-21
3	14	23	R	1531-140-23
3	14	23	L	1532-140-23
3	14	25	R	1531-140-25

NEW SATURN-E Plus
Suggested for 135 ~ 150 HP Motors for Heavy Boat

3	15 5/8	11	R	1531-156-11
3	15 5/8	13	R	1531-156-13
3	15 5/8	13	L	1532-156-13

HR TITAN3 Stainless steel 3 blade
PROP Rubber Hub

B	D	P	R	PART NO.
3	15	14	R	1551-150-14
3	15	14	L	1552-150-14
3	14 3/4	16	R	1551-148-16
3	14 3/4	16	L	1552-148-16
3	14 3/4	17	R	1551-148-17
3	14 3/4	17	L	1552-148-17
3	14 3/4	18	R	1551-148-18
3	14 3/4	18	L	1552-148-18
3	14 3/4	19	R	1551-148-19
3	14 3/4	19	L	1552-148-19
3	14 3/4	20	R	1551-148-20
3	14 3/4	20	L	1552-148-20
3	14 1/2	21	R	1551-145-21
3	14 1/2	21	L	1552-145-21
3	14 1/4	22	R	1551-143-22
3	14 1/4	22	L	1552-143-22
3	14	24	R	1551-140-24
3	14	24	L	1552-140-24

HR TITAN4 Stainless steel 4 blade
PROP Rubber Hub

B	D	P	R	PART NO.
4	14 1/2	15	R	1553-145-15
4	14 1/2	15	L	1554-145-15
4	14 1/4	17	R	1553-143-17
4	14 1/4	17	L	1554-143-17
4	14 1/8	18	R	1553-141-18
4	14 1/8	18	L	1554-141-18
4	14 1/8	19	R	1553-141-19
4	14 1/8	19	L	1554-141-19
4	14	20	R	1553-140-20
4	14	20	L	1554-140-20
4	14	21	R	1553-140-21
4	14	21	L	1554-140-21
4	14	22	R	1553-140-22
4	14	22	L	1554-140-22
4	14	23	R	1553-140-23
4	14	23	L	1554-140-23
4	14	25	R	1553-140-25
4	14	25	L	1554-140-25
4	14	27	R	1553-140-27

LEXOR Stainless steel 3 blade
PROP Rubber Hub

B	D	P	R	PART NO.
3	15 3/4	15	R	1571-158-15
3	15 3/4	15	L	1572-158-15
3	15 5/8	16	R	1571-156-16
3	15 5/8	16	L	1572-156-16
3	15 1/2	17	R	1571-155-17
3	15 1/2	17	L	1572-155-17
3	15 3/8	18	R	1571-154-18
3	15 3/8	18	L	1572-154-18
3	15 1/4	19	R	1571-153-19
3	15 1/4	19	L	1572-153-19
3	15 1/8	20	R	1571-151-20
3	15 1/8	20	L	1572-151-20
3	15	21	R	1571-150-21
3	15	21	L	1572-150-21
3	14 7/8	22	R	1571-149-22
3	14 7/8	22	L	1572-149-22
3	14 3/4	23	R	1571-148-23
3	14 3/4	23	L	1572-148-23
3	14 1/2	25	R	1571-145-25
3	14 1/2	25	L	1572-145-25
3	14 1/2	27	R	1571-145-27
3	14 1/2	27	L	1572-145-27



Scorpion Stainless steel 3 blade
PROP Rubber Hub



Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)
METW	MESP2	MEWS2	MDNT

KITS part #: 17015501A
Prop hardware for pressed in hub propeller.
* Required hardware to install propeller that SOLAS makes in hub E series propeller.

F MERCURISER (BRAVO II)

(19 Tooth Spline & Thru Hub Exhaust)

BRAVO TWO: 4.3 L ~ 7.4 L / D 2.8 L ~ D 7.3 L

TITAN Stainless steel 3 blade
PROP Rubber Hub

B	D	P	R	PART NO.
3	19 1/4	15	R	1641-193-15
3	19 1/4	15	L	1642-193-15
3	18 3/4	17	R	1641-188-17
3	18 3/4	17	L	1642-188-17
3	18 1/4	19	R	1641-183-19
3	18 1/4	19	L	1642-183-19
3	17 3/4	21	R	1641-178-21
3	17 3/4	21	L	1642-178-21
3	17 1/2	23	R	1641-175-23
3	17 1/2	23	L	1642-175-23
3	17 1/4	25	R	1641-173-25
3	17 1/4	25	L	1642-173-25



* Three blade stainless steel propeller
* Improves acceleration by putting more blade area in the water. It can deliver a very powerful thrust.

E 90~ Horsepower / 4-3/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

90 HP (Command Thrust) 2014 ~	200 HP 78 ~	MERCUISER STERNDRIVES
100 HP (Command Thrust) ... 2015 ~	220 HP 87 ~ 88	MODELS 1S, 1B, 1C ... ~ 82
115 HP (Command Thrust) ... 2014 ~	225 HP 80 ~	MODELS 120, 140, 145 DTS ... ~ 82
135 HP 87 ~	225 HP (Marathon)..... All Years	MODELS 165, 228, 470, 485, 888, 898 ... ~ 82
150 HP 78 ~	250 HP 94 ~	MODELS 225S, 233, 255TRS, 260, 280TRS, 330TRS ... ~ 82
150 HP (Yamaha) 79 ~ 83	275 HP 90 ~ 94	MERCUISER 120 ~ 260 HP ... 83 ~ 85
175 HP 78 ~	300 HP 83, & 99 ~	ALPHA ONE DRIVE (Gen.1 & Gen. 2 All Motors & HP)
175 HP (Yamaha) 78 ~ 79	3.4 Litre 84 ~ 86	BRAVO ONE DRIVE (Bravo One & Bravo One X Drives Only)

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15.5	13	R	1511-155-13
3	15	15	R	1511-150-15
3	15	15	L	1512-150-15
3	14.8	17	R	1511-148-17
3	14.8	17	L	1512-148-17
3	14.5	19	R	1511-145-19
3	14.5	19	L	1512-145-19
3	14.3	21	R	1511-143-21
3	14.3	21	L	1512-143-21
3	14.2	23	R	1511-142-23
3	14.2	23	L	1512-142-23

AMITA 3-E Plus Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	16	13	R	1511-160-13
3	15.8	15	R	1511-158-15
3	15.8	15	L	1512-158-15
3	15.5	17	R	1511-155-17
3	15.5	17	L	1512-155-17
3	15.3	19	R	1511-153-19
3	15.3	19	L	1512-153-19
3	15.3	21	R	1511-153-21
3	15.3	21	L	1512-153-21
3	15.3	23	R	1511-153-23

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	14.75	15	R	1513-148-15
4	14.75	15	L	1514-148-15
4	14.5	17	R	1513-145-17
4	14.5	17	L	1514-145-17
4	14.25	19	R	1513-143-19
4	14.25	19	L	1514-143-19
4	14	21	R	1513-140-21
4	14	21	L	1514-140-21
4	14	23	R	1513-140-23

Thrust Washer (1/16")	Spacer (1/16")	Washer (3/16")	Nut (1/16")
METW	MESP2	MEWS2	MDNT

E

KITS part #: 17015501A

Prop hardware for pressed in hub propeller.
* Required hardware to install propeller that SOLAS makes in hub E series propeller.



1513-140-21

F MERCUISER (BRAVO II) (19 Tooth Spline & Thru Hub Exhaust)

BRAVO TWO: 4.3 L ~ 7.4 L / D 2.8 L ~ D 7.3 L

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	19.5	11	R	1611-195-11
3	19.5	11	L	1612-195-11
3	19.5	13	R	1611-195-13
3	19.5	13	L	1612-195-13
3	19.3	15	R	1611-193-15
3	19.3	15	L	1612-193-15
3	18.8	17	R	1611-188-17
3	18.8	17	L	1612-188-17
3	18.25	19	R	1611-183-19
3	18.25	19	L	1612-183-19
3	17.8	21	R	1611-178-21
3	17.8	21	L	1612-178-21

BRAVO II is a registered trademark of the Brunswick Corporation.



BRAVO II
Large Area Blade Design

Mercury Sport Jet Impellers

Engine cc	Model	Year	PUMP Diameter	RECOMMENDED SOLAS IMPELLER	
				SERIES	STOCK Engine
90 HP	90 Jet (Spline)	1993-1995	184mm	CONCORD	MB-SC-A
175 HP	175 XR2 Jet	1997-2000		CONCORD	MC-CD-18/27
	Speedster	2000-2002		CONCORD	MC-CD-22/39
	Speedster SK	2000		CONCORD	MC-CD-22/39
	Speedster 160	2004		CONCORD	MC-CD-22/39
Mercury V6 250HP	Challenger 1800	2000-2005		CONCORD	MC-CD-22/39
	Challenger 2000	2000-2005		CONCORD	MC-CD-22/39
240HP	Challenger X	2004-2005		CONCORD	MC-CD-22/39
210HP	Sportster 1800	2000		CONCORD	MC-CD-22/39
200HP (M2 Jet)	Utopia 205	2002-2005		CONCORD	MC-CD-22/39
	Utopia 185	2001-2005		CONCORD	MC-CD-22/39
	Islandia	2001-2005		CONCORD	MC-CD-22/39

Mercury Sport Jet is a registered trademark of Mercury Marine, Inc.



MC-CD-22/39
for
Mercury Sport jet

"This is a highly efficient 4-blade, Stainless Steel, progressive pitch impeller delivering excellent thrust and superior overall performance for the Mercury SportJet model jet drive."

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

G **MERCUISER (BRAVO III)**

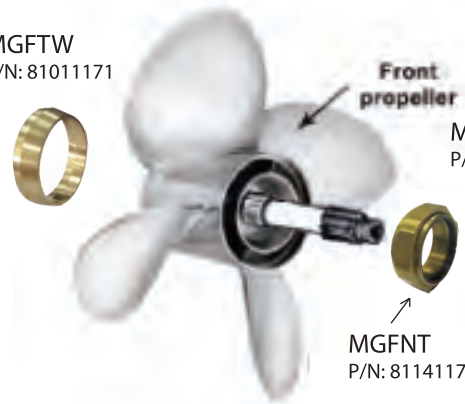
(19 Tooth Spline & Thru Hub Exhaust)

Fits all Bravo III Stern drives.

B3 **Stainless steel 3&4 blade Rubber Hub**

B	D	P	R	PART NO.
3	14 3/8	18	Rear	1651-144-18
3	14 3/8	20	Rear	1651-144-20
3	14 3/8	21	Rear	1651-144-21
3	14 1/4	22	Rear	1651-143-22
3	14 1/4	23	Rear	1651-143-23
3	14	24	Rear	1651-140-24
3	14	25	Rear	1651-140-25
3	14	26	Rear	1651-140-26
3	14	27	Rear	1651-140-27
3	13 3/4	28	Rear	1651-138-28
4	16	18	Front	1654-160-18
4	16	20	Front	1654-160-20
4	16	21	Front	1654-160-21
4	15 3/4	22	Front	1654-158-22
4	15 3/4	23	Front	1654-158-23
4	15 1/2	24	Front	1654-155-24
4	15 1/2	25	Front	1654-155-25
4	15 1/2	26	Front	1654-155-26
4	15 1/2	27	Front	1654-155-27
4	15	28	Front	1654-150-28

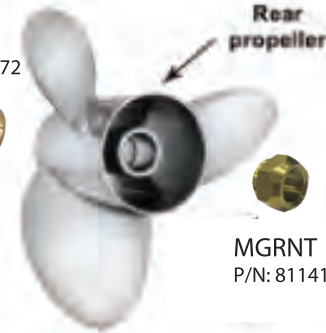
MGFTW
P/N: 81011171



MGRTW
P/N: 81011172

MGFNT
P/N: 81141171

Rear propeller



MGRNT
P/N: 81141172

	Front Thrust Washer	Rear Thrust Washer	Front Nut	Rear Nut	
B3 BRAVO III					17017501
	MGFTW	MGRTW	MGFNT	MGRNT	

SOLAS B3 BRAVO III Dual Props

BRAVO III is a registered trademark of the Brunswick Corporation.



B3 for
MERCURY BRAVO 3

Stainless steel
4 blade front & 3 blade rear
Solid hub

- * Excellent acceleration and top speed
- * Cupped blade design increases bite & reduces slip
- * Highly Polished

Interchangeable Hub System

HYDRQ

● ● ● S/S PROPELLER



Application

- For engines 70~140 HP
- Works with Rubex hub system
- Smaller blade area to increase rpms & speed
- Great high speed and all-around performance mainly for medium-sized lighter boats 4-1/4" Gearcase

NEW

B	D	P	R	PART NO.
3	13 1/8	14	R	9481-131-14
3	13 1/8	16	R	9481-131-16
3	13 1/8	18	R	9481-131-18
3	13 1/8	20	R	9481-131-20
3	13 1/8	22	R	9481-131-22

A 8-15 Horsepower / 2-1/2" Gearcase (13 Tooth SPLINE & THRU HUB EXHAUST)

8 HP (4-Stroke) 1996-2005; 9.9, 15 HP (2-Stroke) 1974-2005; 9.9, 15 HP (4-Stroke) 1995-2001

SATURN Stainless steel 3 blade
PROP Rubber Hub

B	D	P	R	PART NO.
3	9 1/4	7	R	2121-093-07
3	9 1/4	8	R	2121-093-08
3	9 1/4	9	R	2121-093-09
3	9 1/4	10	R	2121-093-10
3	9 1/4	11	R	2121-093-11
3	9 1/4	12	R	2121-093-12



2121-093-09

Prop hardware for pressed in hub propeller.

Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
OATW	OASP	N/A	OANT	Apin(1 1/8")

KITS part # : 17021501
* Required hardware to install propeller that SOLAS makes in hub A series propeller.

A Johnson 9.9-15 HP (4-Stroke) 2002-2007 Japan Origin Suzuki 2-1/2" Gearcase (10 Tooth Spine)

SATURN Stainless steel 3 blade
PROP Rubber Hub

B	D	P	R	PART NO.
3	9 1/4	7	R	4121-093-07A
3	9 1/4	8	R	4121-093-08A
3	9 1/4	9	R	4121-093-09A
3	9 1/4	10	R	4121-093-10A
3	9 1/4	11	R	4121-093-11A
3	9 1/4	12	R	4121-093-12A



4121-093-09

Prop hardware for pressed in hub propeller.

Thrust Washer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
SATW	SAWS	SANT	Apin(1 1/8")

KITS part # : 17041501A
* Required hardware to install propeller that SOLAS makes in hub A series propeller.

B 15-35 Horsepower / 3" Gearcase (14 Tooth SPLINE & THRU HUB EXHAUST)

15 HP E-TEC H.O. 2011 ~ 25 HP 2 & 3 Cyl 84 ~ 30 HP E-TEC 2009 ~
20 HP 2 Cyl..... 84 ~ 97 25 HP E-TEC 2009 ~ 35 HP 2 Cyl 79 ~ 83
25 HP (Commercial) 93 ~ 05 30 HP 2 Cyl 84 ~ 35 HP 3 Cyl 97 ~ 01

NEW SATURN Stainless steel 3 blade
PROP Rubber Hub

B	D	P	R	PART NO.
3	10 3/4	10	R	2231-108-10
3	10 1/2	11	R	2231-105-11
3	10 1/4	12	R	2231-103-12
3	10 1/8	13	R	2231-101-13
3	10	14	R	2231-100-14
3	10	15	R	2231-100-15



2231-101-13

HRTITAN4 Stainless steel 4 blade
PROP Rubber Hub

B	D	P	R	PART NO.
4	10	10	R	2253-100-10
4	10	11	R	2253-100-11
4	10	12	R	2253-100-12



2253-100-11

Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
OBTW	OBSP	N/A	OBNT	Apin(1 1/8")

KITS part # : 17022501
Prop hardware for pressed in hub propeller.
* Required hardware to install propeller that SOLAS makes in hub B series propeller.

B Johnson 25-30HP (4-Stroke)04-07 Japan Origin Suzuki 3" Gearcase(10 Tooth Spline)

NEW SATURN Stainless steel 3 blade
PROP Rubber Hub

B	D	P	R	PART NO.
3	10 3/4	10	R	4231-108-10
3	10 1/2	11	R	4231-105-11
3	10 1/4	12	R	4231-103-12
3	10 1/8	13	R	4231-101-13
3	10	14	R	4231-100-14
3	10	15	R	4231-100-15

HRTITAN4 Stainless steel 4 blade
PROP Rubber Hub

B	D	P	R	PART NO.
4	10	10	R	4253-100-10
4	10	11	R	4253-100-11
4	10	12	R	4253-100-12

Prop hardware for pressed in hub propeller.

Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
Original BRP Part	Original BRP Part	Original BRP Part	SBNT	Apin(1 1/8")

* Required hardware to install propeller that SOLAS makes in hub B series propeller.

8 4-8 HP (Pin Drive)

4 HP 1980-1983; 4.5 HP Deluxe 1986-1995; 5 HP 4-Stroke 1999-2003
6 HP 1986-2005; 6 HP 4-Stroke 98-03; 7.5 HP 1980-1983; 8 HP 1986-05

B	D	P	R	PART NO.
3	8.0	7	R	2011-080-07P
3	8.5	9	R	2011-085-09P

Rubber Hub: 6S-RB
P/N: 170200



2011-085-09P



2011-083-08P

6-15 HP (Pin Drive) 6 HP 1966-1979; 9.5 HP 1964-1973

10 HP 1958-1963; 10, 12, 14HP European Only 82-94; 8-15 HP 2000-Newer

B	D	P	R	PART NO.
3	8.25	8	R	2011-083-08P

Rubber Hub: PO6-RB
P/N: 1798001

3.5HP (Plastic Propeller)

B	D	P	R	PART NO.
3	7 1/4	6	R	0001-073-06-P



0001-073-06-P

A 8-15 Horsepower / 2-1/2" Gearcase (13 Tooth SPLINE & THRU HUB EXHAUST)

8 HP (4-Stroke) 1996-2005; 12HP 2012 ~ Newer; 9.9, 15 HP (2-Stroke) 1974-2005; 9.9, 15 HP (4-Stroke) 1995-2001

High Thrust Propeller

Excellent forward and reverse thrust.
Ideal for kicker/auxiliary engines with heavy loads

AMITA 3 Aluminum 3 blade Rubber Hub

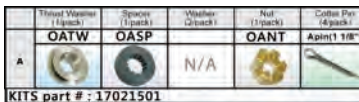
B	D	P	R	PART NO.
3	9.25	7	R	2111-093-07
3	9.25	8	R	2111-093-08
3	9.25	9	R	2111-093-09
3	9.25	10	R	2111-093-10
3	9.25	11	R	2111-093-11
3	9.25	12	R	2111-093-12

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	9.25	7	R	2113-093-07
4	9.25	8	R	2113-093-08
4	9.25	9	R	2113-093-09
4	9.25	10	R	2113-093-10
4	9.25	11	R	2113-093-11

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	10	5	R	2113-100-05
4	10	7	R	2113-100-07



KITS part # : 17021501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub A series propeller.

A Johnson 9.9-15 HP (4-Stroke) 2002-2007 Japan Origin Suzuki 2-1/2" Gearcase (10 Tooth Spine)

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	9.25	7	R	4111-093-07A
3	9.25	8	R	4111-093-08A
3	9.25	9	R	4111-093-09A
3	9.25	10	R	4111-093-10A
3	9.25	11	R	4111-093-11A
3	9.25	12	R	4111-093-12A

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	9.25	7	R	4113-093-07A
4	9.25	8	R	4113-093-08A
4	9.25	9	R	4113-093-09A
4	9.25	10	R	4113-093-10A
4	9.25	11	R	4113-093-11A

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	10	5	R	4113-100-05A
4	10	7	R	4113-100-07A

High Thrust Propeller

Excellent forward and reverse thrust.
Ideal for kicker/auxiliary engines with heavy loads



KITS part # : 17041501A

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub A series propeller.

B 15-35 Horsepower / 3" Gearcase (14 Tooth SPLINE & THRU HUB EXHAUST)

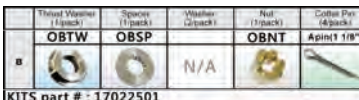
15 HP E-TEC H.O. 2011 ~ 25 HP 2 & 3 Cyl 84 ~ 30 HP E-TEC 2009 ~
20 HP 2 Cyl..... 84 ~ 97 25 HP E-TEC 2009 ~ 35 HP 2 Cyl 79 ~ 83
25 HP (Commercial) 93 ~ 05 30 HP 2 Cyl 84 ~ 35 HP 3 Cyl 97 ~ 01

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	11	9	R	2211-110-09
3	10.8	10	R	2211-108-10
3	10.5	11	R	2211-105-11
3	10.3	12	R	2211-103-12
3	10.1	13	R	2211-101-13
3	10	14	R	2211-100-14
3	10	15	R	2211-100-15

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	10.2	11	R	2213-102-11
4	10.1	12	R	2213-101-12
4	10	13	R	2213-100-13
4	10	14	R	2213-100-14
4	10	15	R	2213-100-15



KITS part # : 17022501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub B series propeller.

10-28HP (Pin Drive)

10 HP 1951-1957
15 HP 1953-1956; 18 HP 1957-1973
20 HP 1969-1973; 25 HP 1969-1977
28 HP 1964

B	D	P	R	PART NO.
3	9	10	R	2111-090-10P
3	9.25	11	R	2111-093-11P



14-28HP (13 Tooth Spline)

14 HP 1988-1989; 25 HP 1978-1984
25 HP Commercial 1978-1991, 1994 & Newer
28HP 1986-1996

B	D	P	R	PART NO.
3	9	10	R	2111-090-10S
3	9.25	11	R	2111-093-11S



Pin Drive

Rubber Hub: POA-RB2
P/N: 1798102



Spline Drive

Rubber Hub: POA-RB
P/N: 1798101

B Johnson 25-30HP (4-Stroke) 04-07 Japan Origin Suzuki 3" Gearcase (10 Tooth Spline)

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	11	9	R	4211-110-09
3	10.8	10	R	4211-108-10
3	10.5	11	R	4211-105-11
3	10.3	12	R	4211-103-12
3	10.1	13	R	4211-101-13
3	10	14	R	4211-100-14
3	10	15	R	4211-100-15

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	10.2	11	R	4213-102-11
4	10.1	12	R	4213-101-12
4	10	13	R	4213-100-13
4	10	14	R	4213-100-14
4	10	15	R	4213-100-15

Hardware Kits part# : 17042501

C 40~75 Horsepower / Small 3-3/8" Gearcase (13 Tooth SPLINE & THRU HUB EXHAUST)

40 HP 2Cyl 84 ~ 05	55 HP 2 Cyl 76 ~ 79	75 HP 3 Cyl 75 ~ 85
48 HP 87 ~ 96	60 HP 2 Cyl 80 ~ 85	Sprint 86 ~ 92
50 HP 2Cyl 75 ~ 05	65 HP 2 Cyl 80 ~ 85	Formula E 86 ~ 92

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	12 1/2	13	R	2331-125-13
3	12 1/4	15	R	2331-123-15
3	12	17	R	2331-120-17



2331-123-15

Prop hardware for pressed in hub propeller.

Thrust Washer (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)	Collar Pin (4pack)
OCTW	OCSP	N/A	OCNT	Epin(2")

KITS part # : 17023501

* Required hardware to install propeller that SOLAS makes in hub C series propeller.

C Johnson 40, 50 HP (4-Stroke) ... ~ 2007 3-1/4" Gearcase (13 Tooth Spline)

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	12	8	R	4331-120-08
3	12	9	R	4331-120-09
3	11 7/8	10	R	4331-119-10
3	11 5/8	11	R	4331-116-11
3	11 3/8	12	R	4331-114-12
3	11 1/8	13	R	4331-111-13
3	11 1/8	14	R	4331-111-14
3	11	15	R	4331-110-15



4331-111-13

Prop hardware for pressed in hub propeller.

Thrust Washer (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)	Collar Pin (4pack)
Original BRP Part	Original BRP Part	Original BRP Part	YENT	Epin(2")

* Required hardware to install propeller that SOLAS makes in hub C series propeller.

D 40~140 Horsepower / (Large 4-1/4" Gearcase (13 Tooth THRU HUB EXHAUST)

40 HP E-TEC 2004 ~	60 HP 3 Cyl (Pleasure) 70 ~ 71, 86 ~ 01	V4 Outboard
45 HP 2 Cyl (Commercial) . 86 ~	60 HP (4-Stroke)98 ~	85 HP 69 ~ 80, 91 ~ 95
50 HP 2 Cyl (Pleasure) 71 ~ 74	60 HP E-TEC 2004 ~	88 HP 81 ~ 96
50 HP 2 Cyl (Commercial) ... 77 ~ 79	65 HP 3 Cyl (Pleasure) 72 ~ 73	115 HP 73 ~
50 HP 3 Cyl (Pleasure) 94 ~ 99	65 HP 3 Cyl (Commercial)84 ~ 01	115 HP E-TEC (20" Shaft) . 2004 ~
50 HP E-TEC 2004 ~	65 HP (Pontoon Series)2014 ~	120 HP 86 ~ 94
55 HP 2 Cyl (Commercial)80 ~	70 HP 3 Cyl (Pleasure)74 ~	125 HP 71 ~ 72
55 HP 3 Cyl 68 ~ 69	70 HP 3 Cyl (Commercial) 74 ~ 01	130 HP E-TEC (20" Shaft) .04 ~ 10
55 HP E-TEC 2009 ~	70 HP (4-Stroke)98 ~	135 HP 73 ~ 76
	75 HP 3 Cyl (Pleasure)75 ~ 84	140 HP 77 ~ 84, 86 ~ 94
	75 HP E-TEC 2004 ~	

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	14	11	R	2431-140-11
3	13 3/4	13	R	2431-138-13
3	13 1/2	15	R	2431-135-15
3	13 1/4	17	R	2431-133-17
3	13	19	R	2431-130-19
3	13	21	R	2431-130-21

TITAN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	13 3/4	13	R	2441-138-13
3	13 3/4	15	R	2441-138-15
3	13 1/4	17	R	2441-133-17
3	13 1/4	19	R	2441-133-19

HR TITAN 4 PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	13 1/2	13	R	2453-135-13
4	13 1/4	15	R	2453-133-15
4	13	17	R	2453-130-17
4	13	19	R	2453-130-19
4	13	21	R	2453-130-21

Thrust Washer (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)	Collar Pin (4pack)
ODTW	OCSP	N/A	OCNT	Epin(2")

KITS part # : 17024501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub D series propeller.

D+ Johnson DF90, 115, 140 HP (4-Stroke) 2002 ~ 07; 4-1/4" Gearcase (15 Tooth Spline) & THRU HUB EXHAUST



HR TITAN 3
High Speed Application

Prop hardware for pressed in hub propeller.

Thrust Washer (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)	Collar Pin (4pack)
Original BRP Part	Original BRP Part	Original BRP Part	OCNT	Epin(2")

* Required hardware to install propeller that SOLAS makes in hub D series propeller.

HR TITAN 3 PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	13 7/8	15	R	3451-139-15
3	13 7/8	15	L	3452-139-15
3	13 7/8	17	R	3451-139-17
3	13 7/8	17	L	3452-139-17
3	13 7/8	19	R	3451-139-19
3	13 7/8	19	L	3452-139-19
3	13 7/8	21	R	3451-139-21
3	13 7/8	21	L	3452-139-21
3	13 7/8	23	R	3451-139-23
3	13 7/8	23	L	3452-139-23
3	13 7/8	25	R	3451-139-25

C 40~75 Horsepower / Small 3-3/8" Gearcase (13 Tooth SPLINE & THRU HUB EXHAUST)

40 HP 2Cyl 84 ~ 05	55 HP 2 Cyl 76 ~ 79	75 HP 3 Cyl 75 ~ 85
48 HP 87 ~ 96	60 HP 2 Cyl 80 ~ 85	Sprint 86 ~ 92
50 HP 2Cyl 75 ~ 05	65 HP 2 Cyl 80 ~ 85	Formula E 86 ~ 92

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	13	11	R	2311-130-11
3	12.5	13	R	2311-125-13
3	12.5	14	R	2311-125-14 NEW!
3	12.25	15	R	2311-123-15
3	12	17	R	2311-120-17



Prop hardware for pressed in hub propeller.

	Thrust Washer (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)	Coller Pin (4pack)
c	OCTW	OOSP	N/A	OCNT	Epin(2")

KITS part # : 17023501

* Required hardware to install propeller that SOLAS makes in hub C series propeller.

C Johnson 40, 50 HP (4-Stroke) ... ~ 2007 3-1/4" Gearcase (13 Tooth Spline)

AMITA 3-C Plus Rubber Hub

B	D	P	R	PART NO.
3	12	10	R	4311-120-10
3	11.8	11	R	4311-118-11
3	11.6	12	R	4311-116-12
3	11.6	13	R	4311-116-13
3	11.6	14	R	4311-116-14
3	11.4	15	R	4311-114-15
3	11.4	16	R	4311-114-16



Prop hardware for pressed in hub propeller.

	Thrust Washer (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)	Coller Pin (4pack)
c	Original BRP Part	Original BRP Part	Original BRP Part	YENT	Epin(2")

* Required hardware to install propeller that SOLAS makes in hub C series propeller.

D 40~140 Horsepower / (Large 4-1/4" Gearcase (13 Tooth THRU HUB EXHAUST)

40 HP E-TEC 2004 ~	60 HP 3 Cyl (Pleasure) 70 ~ 71, 86 ~ 01	V4 Outboard
45 HP 2 Cyl (Commercial) . 86 ~	60 HP (4-Stroke) 98 ~	85 HP 69 ~ 80, 91 ~ 95
50 HP 2 Cyl (Pleasure) 71 ~ 74	60 HP E-TEC 2004 ~	88 HP 81 ~ 96
50 HP 2 Cyl (Commercial) ... 77 ~ 79	65 HP 3 Cyl (Pleasure) 72 ~ 73	90 HP 81 ~
50 HP 3 Cyl (Pleasure) 94 ~ 99	65 HP 3 Cyl (Commercial) 84 ~ 01	90 HP E-TEC (20" Shaft) . 2004 ~
50 HP E-TEC 2004 ~	65 HP (Pontoon Series) 2014 ~	125 HP 71 ~ 72
55 HP 2 Cyl (Commercial) 80 ~	70 HP 3 Cyl (Pleasure) 74 ~	130 HP E-TEC (20" Shaft) .04 ~ 10
55 HP 3 Cyl 68 ~ 69	70 HP 3 Cyl (Commercial) 74 ~ 01	135 HP 73 ~ 76
55 HP E-TEC 2009 ~	70 HP (4-Stroke) 98 ~	140 HP 77 ~ 84, 86 ~ 94
	75 HP 3 Cyl (Pleasure) 75 ~ 84	
	75 HP E-TEC 2004 ~	
		OMC Sterndrives
		Model 400 2.3L ~ 3.0L Cobra 2.3L ~ 3.0L Sea Drive 1.6L ~ 1.8L

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	14	9	R	2411-140-09
3	14	11	R	2411-140-11
3	13.75	13	R	2411-138-13
3	13.5	14	R	2411-135-14
3	13.5	15	R	2411-135-15
3	13.5	16	R	2411-135-16
3	13.25	17	R	2411-133-17
3	13.25	18	R	2411-133-18
3	13	19	R	2411-130-19
3	13	21	R	2411-130-21

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	13.2	19	R	2411-132-19
3	13.2	21	R	2411-132-21

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	13.25	13	R	2413-133-13
4	13	15	R	2413-130-15
4	12.75	17	R	2413-128-17
4	12.5	19	R	2413-125-19
4	12.5	21	R	2413-125-21

	Thrust Washer (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)	Coller Pin (4pack)
D	ODTW	OOSP	N/A	OCNT	Epin(2")

KITS part # : 17024501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub D series propeller.

D+ Johnson DF90, 115, 140 HP (4-Stroke) 2002 ~ 07; 4-1/4" Gearcase (15 Tooth Spline) & THRU HUB EXHAUST

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	13.75	15	R	3413-138-15
4	13.75	17	R	3413-138-17
4	13.75	19	R	3413-138-19
4	13.75	21	R	3413-138-21
4	13.75	23	R	3413-138-23 NEW!

Prop hardware for pressed in hub propeller.

	Thrust Washer (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)	Coller Pin (4pack)
D	Original BRP Part	Original BRP Part	Original BRP Part	OCNT	Epin(2")

* Required hardware to install propeller that SOLAS makes in hub D series propeller.

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

E 90~ 300 Horsepower / 4-3/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

90 HP V4 (Includes DPX)	95 ~
90 HP E-TEC (25" Shaft)	2004 ~
100 HP V4 (Commercial)	84 ~
100 HP	2004 ~
115 HP V4 (Includes DSX,DPX, & DCX) ...	95 ~
115 HP E-TEC (25" Shaft)	2004 ~
115 HP (Pontoon Series)	2014 ~
120-140 HP V4	1985
130 HP V4	95 ~ 96
130 HP E-TEC (25" Shaft).....	09 ~ 10
OMC Sterndrive Model 800, King Cobra, Cobra (Non SX Drive) 3.0L ~ 8.2L / Sea Drive 2.0L ~ 4.0L / For SX Drive please check Volvo Penta Section	

135 HP V6	2014 ~
140 HP (25" Shaft)	89 ~ 94
150 HP V6 (Includes E-TEC) ...	78 ~
150 HP V6 (Commercial)	93 ~
150 HP (Pontoon Series)	2014 ~
155 HP V6 (Commercial)	78 ~
175 HP V6 (Includes E-TEC) ...	77 ~
185 HP V6	84 ~ 85
200 HP V6 (Includes E-TEC)	76 ~

225 HP V6 (Includes E-TEC)	86 ~
235 HP V6	78 ~ 85
250 HP V8 (Includes E-TEC)	91 ~
250 HP V6 (Includes E-TEC)	01 ~
275 HP V8	86 ~ 88
300 HP V8 (Includes E-TEC)	88 ~ 95; 09 ~
2.6 Liter V-6	84 ~ 85
3.6 Liter V8	86 ~ 87

NEW SATURN Stainless steel 3 blade PROP Rubber Hub

B	D	P	R	PART NO.
3	14 1/2	15	R	2531-145-15
3	14 1/2	15	L	2532-145-15
3	14 1/4	17	R	2531-143-17
3	14 1/4	17	L	2532-143-17
3	14	19	R	2531-140-19
3	14	19	L	2532-140-19
3	14	21	R	2531-140-21
3	14	21	L	2532-140-21
3	14	23	R	2531-140-23
3	14	23	L	2532-140-23
3	14	25	R	2531-140-25

NEW SATURN-E Plus
Suggested for 135 ~ 150 HP Motors for Heavy Boat

3	15 5/8	9	R	2531-156-09
3	15 5/8	11	R	2531-156-11
3	15 5/8	13	R	2531-156-13
3	15 5/8	13	L	2532-156-13

HRTITAN3 Stainless steel 3 blade PROP Rubber Hub

B	D	P	R	PART NO.
3	15	14	R	2551-150-14
3	15	14	L	2552-150-14
3	14 3/4	16	R	2551-148-16
3	14 3/4	16	L	2552-148-16
3	14 3/4	17	R	2551-148-17
3	14 3/4	17	L	2552-148-17
3	14 3/4	18	R	2551-148-18
3	14 3/4	18	L	2552-148-18
3	14 3/4	19	R	2551-148-19
3	14 3/4	19	L	2552-148-19
3	14 3/4	20	R	2551-148-20
3	14 3/4	20	L	2552-148-20
3	14 1/2	21	R	2551-145-21
3	14 1/2	21	L	2552-145-21
3	14 1/4	22	R	2551-143-22
3	14 1/4	22	L	2552-143-22
3	14	24	R	2551-140-24
3	14	24	L	2552-140-24

HRTITAN4 Stainless steel 4 blade PROP Rubber Hub

B	D	P	R	PART NO.
4	14 1/2	15	R	2553-145-15
4	14 1/2	15	L	2554-145-15
4	14 1/4	17	R	2553-143-17
4	14 1/4	17	L	2554-143-17
4	14 1/8	18	R	2553-141-18
4	14 1/8	18	L	2554-141-18
4	14 1/8	19	R	2553-141-19
4	14 1/8	19	L	2554-141-19
4	14	20	R	2553-140-20
4	14	20	L	2554-140-20
4	14	21	R	2553-140-21
4	14	21	L	2554-140-21
4	14	22	R	2553-140-22
4	14	22	L	2554-140-22
4	14	23	R	2553-140-23
4	14	23	L	2554-140-23
4	14	25	R	2553-140-25
4	14	25	L	2554-140-25
4	14	27	R	2553-140-27

LEXOR Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15 3/4	15	R	2571-158-15
3	15 3/4	15	L	2572-158-15
3	15 5/8	16	R	2571-156-16
3	15 5/8	16	L	2572-156-16
3	15 1/2	17	R	2571-155-17
3	15 1/2	17	L	2572-155-17
3	15 3/8	18	R	2571-154-18
3	15 3/8	18	L	2572-154-18
3	15 1/4	19	R	2571-153-19
3	15 1/4	19	L	2572-153-19
3	15 1/8	20	R	2571-151-20
3	15 1/8	20	L	2572-151-20
3	15	21	R	2571-150-21
3	15	21	L	2572-150-21
3	14 7/8	22	R	2571-149-22
3	14 7/8	22	L	2572-149-22
3	14 3/4	23	R	2571-148-23
3	14 3/4	23	L	2572-148-23
3	14 1/2	25	R	2571-145-25
3	14 1/2	25	L	2572-145-25
3	14 1/2	27	R	2571-145-27
3	14 1/2	27	L	2572-145-27

Scorpion Stainless steel 3 blade Rubber Hub



Johnson 4 Stroke DF 150, 175, 200, 225, 250, 300
LEXOR Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15 3/4	15	R	4571-158-15
3	15 3/4	15	L	4572-158-15
3	15 5/8	16	R	4571-156-16
3	15 5/8	16	L	4572-156-16
3	15 1/2	17	R	4571-155-17
3	15 1/2	17	L	4572-155-17
3	15 3/8	18	R	4571-154-18
3	15 3/8	18	L	4572-154-18
3	15 1/4	19	R	4571-153-19
3	15 1/4	19	L	4572-153-19
3	15 1/8	20	R	4571-151-20
3	15 1/8	20	L	4572-151-20
3	15	21	R	4571-150-21
3	15	21	L	4572-150-21
3	14 7/8	22	R	4571-149-22
3	14 7/8	22	L	4572-149-22
3	14 3/4	23	R	4571-148-23
3	14 3/4	23	L	4572-148-23
3	14 1/2	25	R	4571-145-25
3	14 1/2	25	L	4572-145-25
3	14 1/2	27	R	4571-145-27
3	14 1/2	27	L	4572-145-27



Prop hardware for pressed in hub propeller.

Thrust Washer (1pack)	Spacer (11pack)	Washer (21pack)	Nut (11pack)	Cotter Pin (41pack)
OETW	OESP	N/A	OENT	Cotta Pin (4pack)

KITS part #: 17025501

* Required hardware to install propeller that SOLAS makes in hub E series propeller.

Prop hardware for pressed in hub propeller.

Thrust Washer (11pack)	Spacer (11pack)	Washer (21pack)	Nut (11pack)	Cotter Pin (41pack)
Original BRP Part	Original BRP Part	Original BRP Part	YENT	Epin(2")

* Required hardware to install propeller that SOLAS makes in hub E series propeller.

Evinrude, Johnson

E 90~ 300 Horsepower / 4-3/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

90 HP V4 (Includes DPX) 95 ~	135 HP V6 2014 ~	225 HP V6 (Includes E-TEC) 86 ~
90 HP E-TEC (25" Shaft) 2004 ~	140 HP (25" Shaft) 89 ~ 94	235 HP V6 78 ~ 85
100 HP V4 (Commercial) 84 ~	150 HP V6 (Includes E-TEC) ... 78 ~	250 HP V8 (Includes E-TEC) 91 ~
100 HP 2004 ~	150 HP V6 (Commercial) 93 ~	250 HP V6 (Includes E-TEC) 01 ~
115 HP V4 (Includes DSX,DPX, & DCX) ... 95 ~	150 HP (Pontoon Series) 2014 ~	275 HP V8 86 ~ 88
115 HP E-TEC (25" Shaft) 2004 ~	155 HP V6 (Commercial) 78 ~	300 HP V8 (Includes E-TEC) 88 ~ 95; 09 ~
115 HP (Pontoon Series) 2014 ~	175 HP V6 (Includes E-TEC) ... 77 ~	
120-140 HP V4 1985	185 HP V6 84 ~ 85	2.6 Liter V-6 84 ~ 85
130 HP V4 95 ~ 96	200 HP V6 (Includes E-TEC) 76 ~	3.6 Liter V8 86 ~ 87
130 HP E-TEC (25" Shaft) 09 ~ 10		
OMC Sterndrive Model 800, King Cobra, Cobra (Non SX Drive) 3.0L ~ 8.2L / Sea Drive 2.0L ~ 4.0L / For SX Drive please check Volvo Penta Section		

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15,5	13	R	2511-155-13
3	15	15	R	2511-150-15
3	15	15	L	2512-150-15
3	14,8	17	R	2511-148-17
3	14,8	17	L	2512-148-17
3	14,5	19	R	2511-145-19
3	14,5	19	L	2512-145-19
3	14,3	21	R	2511-143-21
3	14,3	21	L	2512-143-21
3	14,2	23	R	2511-142-23
3	14,2	23	L	2512-142-23

AMITA 3 Aluminum 3 blade -E Plus Rubber Hub

B	D	P	R	PART NO.
3	16	13	R	2511-160-13
3	15,8	15	R	2511-158-15
3	15,8	15	L	2512-158-15
3	15,5	17	R	2511-155-17
3	15,5	17	L	2512-155-17
3	15,3	19	R	2511-153-19
3	15,3	19	L	2512-153-19
3	15,3	21	R	2511-153-21
3	15,3	21	L	2512-153-21
3	15,3	23	R	2511-153-23

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	14,75	15	R	2513-148-15
4	14,75	15	L	2514-148-15
4	14,5	17	R	2513-145-17
4	14,5	17	L	2514-145-17
4	14,25	19	R	2513-143-19
4	14,25	19	L	2514-143-19
4	14	21	R	2513-140-21
4	14	21	L	2514-140-21
4	14	23	R	2513-140-23



AMITA 3
2511-145-19



AMITA 3(E-Plus)
2511-153-21



AMITA 4
2513-140-21

Thrust Washer (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)	Cotter Pin (4pack)
OETW	OESP		OENT	Epin(2")
E		N/A		

KITS part #: 17025501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub E series propeller.

E 200~225 Horsepower / 4-3/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

200(4-Stroke)..... ~ Newer
225(4-Stroke)..... ~ Newer

AMITA 3 Aluminum 3 blade -E Plus Rubber Hub

B	D	P	R	PART NO.
3	16	13	R	4511-160-13
3	15,8	15	R	4511-158-15
3	15,8	15	L	4512-158-15
3	15,5	17	R	4511-155-17
3	15,5	17	L	4512-155-17
3	15,3	19	R	4511-153-19
3	15,3	19	L	4512-153-19
3	15,3	21	R	4511-153-21
3	15,3	21	L	4512-153-21
3	15,3	23	R	4511-153-23



AMITA 3(E-Plus)
4511-153-21

Prop hardware for pressed in hub propeller.

Thrust Washer (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)	Cotter Pin (4pack)
Original BRP Part	Original BRP Part	Original BRP Part	YENT	Epin(2")
E				

* Required hardware to install propeller that SOLAS makes in hub E series propeller.

A 9.9~20 Horsepower / 2-1/2" Gearcase (8 Tooth SPLINE & THRU HUB EXHAUST)

T8, T9.9.....All
9.9 HP (2-Stroke)84 ~ 09

F9.9 (4-Stroke).....00 ~ 07
15 HP (2-Stroke) 84 ~ 09

F15 (4 Stroke) 98 ~
F15 C 07 ~
F20 (4 Stroke) 07 ~17

SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	9 1/4	7	R	3121-093-07
3	9 1/4	8	R	3121-093-08
3	9 1/4	9	R	3121-093-09
3	9 1/4	10	R	3121-093-10
3	9 1/4	11	R	3121-093-11
3	9 1/4	12	R	3121-093-12



3121-093-09

Thrust Washer (1pack)	Washer (2pack)	Nut (1pack)	Center Pin (1pack)
YATW	YAWS	YANT	Apin1 1/8"
A	N/A		

KITS part # : 17031501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub A series propeller.

B 20~30Horsepower / 3" Gearcase (10 Tooth SPLINE & THRU HUB EXHAUST)

20 HP 96 ~ 97
25 HP 80 ~

F20 (4 Stroke) 18 ~
F25 (4 Stroke) 98 ~ 06; 10 ~

30 HP 1979 ~2002

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	10 3/4	10	R	3231-108-10
3	10 1/2	11	R	3231-105-11
3	10 1/4	12	R	3231-103-12
3	10 1/8	13	R	3231-101-13
3	10	14	R	3231-100-14
3	10	15	R	3231-100-15

SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	10	8	R	3221-100-08
3	10	9	R	3221-100-09
3	10	10	R	3221-100-10
3	10	11	R	3221-100-11
3	10	12	R	3221-100-12
3	10	13	R	3221-100-13

NEW SATURN PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	10	9	R	3233-100-09
4	10	10	R	3233-100-10

HR TITAN 4 PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	10	10	R	3253-100-10
4	10	11	R	3253-100-11
4	10	12	R	3253-100-12



3231-101-13



3221-100-10



3253-100-11

Thrust Washer (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)	Center Pin (1pack)
YBTW	YBSP	YBWS	YBNT	Apin1 1/8"
B				

KITS part # : 17032501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub B series propeller.

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

2.5 / 5 Horsepower (9 Tooth Spline & Thru Hub Exhaust; Spline Drive)

3011-073-05S for 2.5HP
3011-075-07S for 5 HP

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	7.25	5	R	3011-073-05S
3	7.5	7	R	3011-075-07S



Pin Drive for 8 HP

AMITA 3 Aluminum 3 blade

B	D	P	R	PART NO.
3	9	7	R	3011-090-07P

Rubber Hub: PY8-RB P/N: 179800

8 6~9.9Horsepower (7 Tooth Spline & Thru Hub Exhaust)

6 HP (2-Stroke) 86 ~ 00 8 HP (2-Stroke)86 ~ 09 F9.9 (4-Stroke).....08~
F6 (4-Stroke).....01~ 10 F8 (4-Stroke)..... 01 ~

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	8.5	7	R	3011-085-07
3	8.5	8	R	3011-085-08
3	8.5	9	R	3011-085-09

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	8.7	5	R	3013-087-05
4	8.7	7	R	3013-087-07

3013-087-07



High Thrust Propeller
Excellent forward and reverse thrust.
Ideal for kicker/auxiliary engines with heavy loads

Pin Drive for YAMAHA 8HP 1976-1983

AMITA 3 Aluminum 3 blade

B	D	P	R	PART NO.
3	8.25	8	R	2011-083-08P

Rubber Hub: PO6-RB P/N: 1798001

A 9.9~20 Horsepower / 2-1/2" Gearcase (8 Tooth SPLINE & THRU HUB EXHAUST)

T8, T9.9All F9.9 (4-Stroke).....00 ~ 07 F15 (4 Stroke) 98 ~ F20 (4 Stroke) 07 ~ 17
9.9 HP (2-Stroke)84 ~ 09 15 HP (2-Stroke)..... 84 ~ 09 F15 C 07 ~

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	9.25	7	R	3111-093-07
3	9.25	8	R	3111-093-08
3	9.25	9	R	3111-093-09
3	9.25	10	R	3111-093-10
3	9.25	11	R	3111-093-11
3	9.25	12	R	3111-093-12

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	9.25	7	R	3113-093-07
4	9.25	8	R	3113-093-08
4	9.25	9	R	3113-093-09
4	9.25	10	R	3113-093-10
4	9.25	11	R	3113-093-11

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	10	5	R	3113-100-05
4	10	7	R	3113-100-07

High Thrust Propeller
Excellent forward and reverse thrust.
Ideal for kicker/auxiliary engines with heavy loads

Thrust Washer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
YATW	YAWS	YANT	Apin1 1/8"
KITS part #: 17031501			

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub A series propeller.

AMITA 3 (Pin Drive)
15HP 1976-1983 : W15HP 1976-1983
20HP 1976-1978 : 25HP 1977-1979
28HP 1976-1978

B	D	P	R	PART NO.
3	9.25	11	R	2111-093-11P

2111-093-11P

AMITA 3 (Spline Drive)

B	D	P	R	PART NO.
3	9.25	11	R	2111-093-11S

B 20~30Horsepower / 3" Gearcase (10 Tooth SPLINE & THRU HUB EXHAUST)

20 HP 96 ~ 27 F20 (4 Stroke) 18 ~
25 HP 80 ~ F25 (4 Stroke) 98 ~ 06; 10 ~
30 HP 1979 ~2002

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	9.9	9	R	3211-099-09
3	9.9	10	R	3211-099-10
3	9.9	11	R	3211-099-11
3	9.9	12	R	3211-099-12
3	9.9	13	R	3211-099-13

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	10.2	11	R	3213-102-11
4	10.1	12	R	3213-101-12
4	10	13	R	3213-100-13
4	10	14	R	3213-100-14
4	10	15	R	3213-100-15

Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
YBTW	YBSP	YBWS	YBNT	Apin1 1/8"
KITS part #: 17032501				

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub B series propeller.

Pin Drive
Rubber Hub: POA-RB2
P/N: 1798102

Spline Drive
Rubber Hub: POA-RB
P/N: 1798101

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

C 25~60 Horsepower / 3-1/2" Gearcase (13 Tooth SPLINE & THRU HUB EXHAUST)

T25 HP 10 ~ 18	40 HP (Includes C40) 84 ~	50 HP (not T50)..... 84 ~	60 HP 76 ~ 91
F30 (4 Stroke) 01 ~ 05	F40 (4 Stroke) 99 ~	F50 (4 Stroke) 95 ~	F60 (4 Stroke) 99 ~
F30 (4 Stroke) ... 2015 ~ Newer	48 HP 95 ~ 00	55 HP 76 ~ 95	

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	12	8	R	3331-120-08
3	12	9	R	3331-120-09
3	11 7/8	10	R	3331-119-10
3	11 5/8	11	R	3331-116-11
3	11 3/8	12	R	3331-114-12
3	11 1/8	13	R	3331-111-13
3	11 1/8	14	R	3331-111-14
3	11	15	R	3331-110-15

SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	12 1/4	9	R	3321-123-09
3	11 3/4	11	R	3321-118-11
3	11 1/2	12	R	3321-115-12
3	11 1/8	13	R	3321-111-13
3	11 1/8	14	R	3321-111-14
3	11	15	R	3321-110-15
3	10 3/4	16	R	3321-108-16



3321-111-13



3331-110-15

Thread Flange (1/2pack)	Spacer (1/2pack)	Washer (2/2pack)	Nut (1/2pack)	Cotter Pin (4/2/2")
YCTW	YCSP	YCWS	YCNT	Cpin(1 1/2")

KITS part #: 17033501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub C series propeller.

D 50~130 Horsepower / 4-1/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

T50 (4-Stroke) 96 ~	F70 (4-Stroke) 10 ~	F80 (4 Stroke) 99 ~ 02	F100 (4 Stroke) 99 ~ 02
60 HP (Includes C60/E60/P60) 92 ~ 05	75 HP (Includes C75/E75/P75) .94 ~ 99	85 HP 91 ~ 97	115 HP (Includes C115/P115) .84 ~
T60 (4-Stroke) 03 ~	F75 (4 Stroke) 03 ~	90 HP (Includes C90) ... 84 ~	F115 (4 Stroke) 00 ~
70 HP 84 ~	80 HP 1997	F90 (4 Stroke) 99 ~	130 HP 84 ~ 03

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	14	11	R	3431-140-11
3	13 3/4	13	R	3431-138-13
3	13 3/4	13	L	3432-138-13
3	13 1/2	15	R	3431-135-15
3	13 1/2	15	L	3432-135-15
3	13 1/4	17	R	3431-133-17
3	13 1/4	17	L	3432-133-17
3	13	19	R	3431-130-19
3	13	19	L	3432-130-19
3	13	21	R	3431-130-21

TITAN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	13 3/4	13	R	3441-138-13
3	13 3/4	13	L	3442-138-13
3	13 3/4	15	R	3441-138-15
3	13 3/4	15	L	3442-138-15
3	13 1/4	17	R	3441-133-17
3	13 1/4	17	L	3442-133-17
3	13 1/4	19	R	3441-133-19
3	13 1/4	19	L	3442-133-19

HR TITAN 4 PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	13 1/2	13	R	3453-135-13
4	13 1/2	13	L	3454-135-13
4	13 1/4	15	R	3453-133-15
4	13 1/4	15	L	3454-133-15
4	13	17	R	3453-130-17
4	13	17	L	3454-130-17
4	13	19	R	3453-130-19
4	13	19	L	3454-130-19
4	13	21	R	3453-130-21
4	13	21	L	3454-130-21



3431-133-17



3441-133-17



3453-130-17

Prop hardware for pressed in hub propeller.

D	Thread Flange (1/2pack)	Spacer (1/2pack)	Washer (2/2pack)	Nut (1/2pack)	Cotter Pin (4/2/2")
(50~100HP)	YDTW	YDSP2	YDB5	YCNT	Cpin(1 1/2")
	KITS part #: 17034501				
F75B, F90B (100~130HP)	YETW	YDSP	YDWS	YENT	Cpin(1 1/2")
	KITS part #: 17035501				

* Required hardware to install propeller that SOLAS makes in hub D series propeller.

C 25~60 Horsepower / 3-1/2" Gearcase (13 Tooth SPLINE & THRU HUB EXHAUST)

T25 HP 10 ~18 40 HP (Includes C40) 84 ~ 50 HP (not T50)..... 84 ~ 60 HP 76 ~91
 F30 (4 Stroke) 01 ~05 F40 (4 Stroke) 99 ~ F50 (4 Stroke) 95 ~ F60 (4 Stroke) 99 ~
 F30 (4 Stroke) ... 2015 ~ Newer 48 HP 95 ~ 00 55 HP 76 ~ 95

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	12.2	7	R	3311-122-07
3	12.2	8	R	3311-122-08
3	12.1	9	R	3311-121-09
3	11.8	10	R	3311-118-10
3	11.6	11	R	3311-116-11
3	11.4	12	R	3311-114-12
3	11.1	13	R	3311-111-13
3	11.1	14	R	3311-111-14
3	11	15	R	3311-110-15
3	11	16	R	3311-110-16
3	11	17	R	3311-110-17



AMITA 3-C Plus Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	12	10	R	3311-120-10
3	11.8	11	R	3311-118-11
3	11.6	12	R	3311-116-12
3	11.6	13	R	3311-116-13
3	11.6	14	R	3311-116-14
3	11.4	15	R	3311-114-15
3	11.4	16	R	3311-114-16



AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	11.8	9	R	3313-118-09
4	11.4	10	R	3313-114-10
4	11.1	11	R	3313-111-11
4	10.8	12	R	3313-108-12
4	10.5	13	R	3313-105-13
4	10.5	14	R	3313-105-14



40 HP Pin Drive

B	D	P	R	PART NO.
3	11.5	10	R	3311-115-10P
3	11.5	11	R	3311-115-11P
3	11.5	12	R	3311-115-12P

40 HP Pin Drive
Rubber Hub: PYC-RB
P/N: 179830

Thrust Washer (1/2pack)	Spacer (1/2pack)	Washer (2/2pack)	Nut (1/2pack)	Cotter Pin (4/2pack)
YCTW	YCSP	YCWS	YCNT	Cpin(1/2")

KITS part #: 17033501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub C series propeller.

D 50~130 Horsepower / 4-1/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

T50 (4-Stroke) 96 ~ F70 (4-Stroke) 10 ~ F80 (4 Stroke) 99 ~ 02 F100 (4 Stroke) 99 ~ 02
 60 HP (Includes C60/E60/P60) 92 ~ 05 75 HP (Includes C75/E75/P75) .94 ~ 99 85 HP 91 ~ 97 115 HP (Includes C115/P115) .84 ~
 T60 (4-Stroke) 03 ~ F75 (4 Stroke) 03 ~ 90 HP (Includes C90) ... 84 ~ F115 (4 Stroke) 00 ~
 70 HP 84 ~ 80 HP 1997 F90 (4 Stroke) 99 ~ 130 HP 84 ~ 03

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	14	9	R	3411-140-09
3	14	11	R	3411-140-11
3	13.75	13	R	3411-138-13
3	13.75	13	L	3412-138-13
3	13.5	14	R	3411-135-14
3	13.5	15	R	3411-135-15
3	13.5	15	L	3412-135-15
3	13.5	16	R	3411-135-16
3	13.25	17	R	3411-133-17
3	13.25	17	L	3412-133-17
3	13.25	18	R	3411-133-18
3	13	19	R	3411-130-19
3	13	21	R	3411-130-21

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	13.2	19	R	3411-132-19
3	13.2	21	R	3411-132-21



AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	13.25	13	R	3413-133-13
4	13	15	R	3413-130-15
4	12.75	17	R	3413-128-17
4	12.5	19	R	3413-125-19
4	12.5	21	R	3413-125-21



AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	13.5	13	R	3411-135-13
3	13.4	15	R	3411-134-15
3	13.2	17	R	3411-132-17
3	13.1	19	R	3411-131-19

OEM Blade Style
Semi cleaver blade design



Prop hardware for pressed in hub propeller.

D	Thrust Washer (1/2pack)	Spacer (1/2pack)	Washer (2/2pack)	Nut (1/2pack)	Cotter Pin (4/2pack)
(50~100HP)	YDTW	YDSP2	YDBS	YCNT	Cpin(1/2")
KITS part #: 17034501					
F75B, F90B (100~130HP)	YETW	YDSP	YDWS	YENT	Cpin(3/4")
KITS part #: 17035501					

* Required hardware to install propeller that SOLAS makes in hub D series propeller.

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

E 150~300 Horsepower / 4-3/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

150 HP 86 ~
 F150 (4-Stroke) 04 ~
 175 HP 84 ~
 F175 (4-Stroke) 14 ~
 200 HP 84 ~
 200 HP (VMAX)..... 01

F200 (4-Stroke) 02 ~
 VF200 V-MAX SHO 10 ~
 220 HP 1984~1985
 220 HP (Special) 87 ~ 88
 225 HP (Excel) 80 ~
 225HP 1987-1988

225 HP 86 ~
 F225 (4-Stroke) (Includes Offshore) .. 02 ~
 VF225 VMAX SHO 10 ~
 250 HP 90 ~
 250 HP (VMAX) 01 ~
 F250HP Include VMAX and Offshore

F250 (4 Stroke) (Includes Offshore)..02 ~
 300 HP (2-stroke V6 Engine)..... 04 ~ 07
 F300 Offshore (4-Stroke V6 Engine) ..10 ~
 Sterndrive 3.0L ~7.47L

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	14 1/2	15	R	3531-145-15
3	14 1/2	15	L	3532-145-15
3	14 1/4	17	R	3531-143-17
3	14 1/4	17	L	3532-143-17
3	14	19	R	3531-140-19
3	14	19	L	3532-140-19
3	14	21	R	3531-140-21
3	14	21	L	3532-140-21
3	14	23	R	3531-140-23
3	14	23	L	3532-140-23
3	14	25	R	3531-140-25

NEW SATURN-E Plus

Suggested for 135 ~ 150 HP Motors for Heavy Boat

3	15 5/8	11	R	3531-156-11
3	15 5/8	13	R	3531-156-13
3	15 5/8	13	L	3532-156-13

HR TITAN3 PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15	14	R	3551-150-14
3	15	14	L	3552-150-14
3	14 3/4	16	R	3551-148-16
3	14 3/4	16	L	3552-148-16
3	14 3/4	17	R	3551-148-17
3	14 3/4	17	L	3552-148-17
3	14 3/4	18	R	3551-148-18
3	14 3/4	18	L	3552-148-18
3	14 3/4	19	R	3551-148-19
3	14 3/4	19	L	3552-148-19
3	14 3/4	20	R	3551-148-20
3	14 3/4	20	L	3552-148-20
3	14 1/2	21	R	3551-145-21
3	14 1/2	21	L	3552-145-21
3	14 1/4	22	R	3551-143-22
3	14 1/4	22	L	3552-143-22
3	14	24	R	3551-140-24
3	14	24	L	3552-140-24

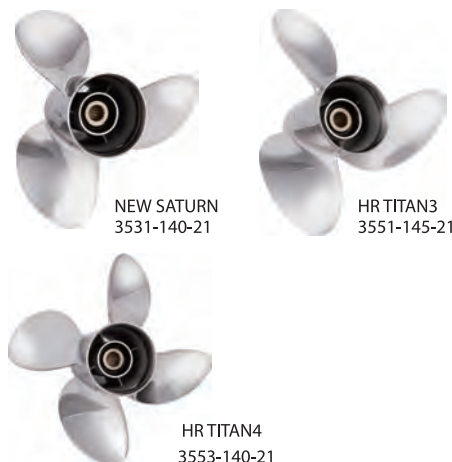
HR TITAN4 PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	14 1/2	15	R	3553-145-15
4	14 1/2	15	L	3554-145-15
4	14 1/4	17	R	3553-143-17
4	14 1/4	17	L	3554-143-17
4	14 1/8	18	R	3553-141-18
4	14 1/8	18	L	3554-141-18
4	14 1/8	19	R	3553-141-19
4	14 1/8	19	L	3554-141-19
4	14	20	R	3553-140-20
4	14	20	L	3554-140-20
4	14	21	R	3553-140-21
4	14	21	L	3554-140-21
4	14	22	R	3553-140-22
4	14	22	L	3554-140-22
4	14	23	R	3553-140-23
4	14	23	L	3554-140-23
4	14	25	R	3553-140-25
4	14	25	L	3554-140-25
4	14	27	R	3553-140-27

LEXOR Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15 3/4	15	R	3571-158-15
3	15 3/4	15	L	3572-158-15
3	15 5/8	16	R	3571-156-16
3	15 5/8	16	L	3572-156-16
3	15 1/2	17	R	3571-155-17
3	15 1/2	17	L	3572-155-17
3	15 3/8	18	R	3571-154-18
3	15 3/8	18	L	3572-154-18
3	15 1/4	19	R	3571-153-19
3	15 1/4	19	L	3572-153-19
3	15 1/8	20	R	3571-151-20
3	15 1/8	20	L	3572-151-20
3	15	21	R	3571-150-21
3	15	21	L	3572-150-21
3	14 7/8	22	R	3571-149-22
3	14 7/8	22	L	3572-149-22
3	14 3/4	23	R	3571-148-23
3	14 3/4	23	L	3572-148-23
3	14 1/2	25	R	3571-145-25
3	14 1/2	25	L	3572-145-25
3	14 1/2	27	R	3571-145-27
3	14 1/2	27	L	3572-145-27

Scorpion Stainless steel 3 blade Rubber Hub



Thread Washer (1 pack)	Spacer (1 pack)	Washer (2 pack)	Nut (1 pack)	Center Pin (4 pack)
YETW	YDSP	YDWS	YENT	Epini(2")

KITS part # : 17035501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub E series propeller.

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

E 150~300 Horsepower / 4-3/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

150 HP 86 ~
 F150 (4-Stroke) 04 ~
 175 HP 84 ~
 F175 (4-Stroke) 14 ~
 200 HP 84 ~
 200 HP (VMAX)..... 01

F200 (4-Stroke) 02 ~
 VF200 V-MAX SHO 10 ~
 220 HP 1984~1985
 220 HP (Special) 87 ~ 88
 225 HP (Excel) 80 ~
 225HP 1987-1988

225 HP 86 ~
 F225 (4-Stroke) (Includes Offshore) .. 02 ~
 VF225 VMAX SHO 10~
 250 HP 90 ~
 250 HP (VMAX) 01 ~
 F250HP Include VMAX and Offshore

F250 (4 Stroke) (Includes Offshore)..02 ~
 300 HP (2-stroke V6 Engine)..... 04 ~ 07
 F300 Offshore (4-Stroke V6 Engine) ..10 ~
 Sterndrive 3.0L ~7.47L

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15.5	13	R	3511-155-13
3	15	15	R	3511-150-15
3	15	15	L	3512-150-15
3	14.8	17	R	3511-148-17
3	14.8	17	L	3512-148-17
3	14.5	19	R	3511-145-19
3	14.5	19	L	3512-145-19
3	14.3	21	R	3511-143-21
3	14.3	21	L	3512-143-21
3	14.2	23	R	3511-142-23
3	14.2	23	L	3512-142-23

AMITA 3-E Plus Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	16	13	R	3511-160-13
3	15.8	15	R	3511-158-15
3	15.8	15	L	3512-158-15
3	15.5	17	R	3511-155-17
3	15.5	17	L	3512-155-17
3	15.3	19	R	3511-153-19
3	15.3	19	L	3512-153-19
3	15.3	21	R	3511-153-21
3	15.3	21	L	3512-153-21
3	15.3	23	R	3511-153-23

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	14.75	15	R	3513-148-15
4	14.75	15	L	3514-148-15
4	14.5	17	R	3513-145-17
4	14.5	17	L	3514-145-17
4	14.25	19	R	3513-143-19
4	14.25	19	L	3514-143-19
4	14	21	R	3513-140-21
4	14	21	L	3514-140-21
4	14	23	R	3513-140-23



AMITA 3
3511-143-21



AMITA 3(E-Plus)
3511-153-19



AMITA 4
3513-140-21

Thrust Washer (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)	Cutter Pin (4pack)
YETW	YOSP	YDWS	YENT	Epin(Z)

KITS part #: 17035501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub E series propeller.

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

A 8~20 Horsepower / 2-1/2" Gearcase (10 Tooth SPLINE & THRU HUB EXHAUST)

DF 8A (4-Stroke) ... 2011-Newer DF 9.9A / DF 9.9B (4-Stroke).. 2010 ~ DF 15 (4-Stroke) 96 ~ 2012
 DT 9.9 83 ~ 87 DT 15 83 ~ 88 9.9 C and 9.9 CN not applicable
 DF 9.9 (4 Stroke) 96 ~ DT 15C 89 ~ 97 DF15A, DF20A 2013~Newer

SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	9 1/4	7	R	4121-093-07A
3	9 1/4	8	R	4121-093-08A
3	9 1/4	9	R	4121-093-09A
3	9 1/4	10	R	4121-093-10A
3	9 1/4	11	R	4121-093-11A
3	9 1/4	12	R	4121-093-12A



Thrust Washer (1/8")	Washer (2/32")	Nut (1/8")	Cotter Pin (1/8")
SATW	SAWS	SANT	Apin1 1/8"

KITS part # : 17041501A

Prop hardware for pressed in hub propeller.

* SOLAS aftermarket hardware to install prop on engines.

*A version supersede non A version. Non A version not applicable DF15A & DF20A.

B 20~30 Horsepower / 3" Gearcase (10 Tooth SPLINE & THRU HUB EXHAUST)

DT 20 83 ~ 88 DF 25R 2010 ~ DF 30 00 ~ 07
 DT 25, 25C 83 ~ 00 DF 25A 2014 ~ DF 30A 2014 ~
 DF 25 (Includes V-Twin) 2000 ~ DT 30, 30C 83 ~ 97

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	10 3/4	10	R	4231-108-10
3	10 1/2	11	R	4231-105-11
3	10 1/4	12	R	4231-103-12
3	10 1/8	13	R	4231-101-13
3	10	14	R	4231-100-14
3	10	15	R	4231-100-15



HR TITAN 4 PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	10	10	R	4253-100-10
4	10	11	R	4253-100-11
4	10	12	R	4253-100-12



Thrust Washer (1/8")	Spacer (1/8")	Washer (2/32")	Nut (1/8")	Cotter Pin (1/8")
SBTW	SBSP	YBWS	SBNT	Apin1 1/8"

KITS part # : 17042501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub B series propeller.

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

2.5 HP (10 Tooth SPLINE)

DF 2.5 (4-Stroke) 2010 ~

AMITA 3 Aluminum 3 blade Spline Drive

B	D	P	R	PART NO.
3	7.25	5	R	4011- 073- 05S

4~6HP (10 Tooth Spline)

DF4.....2004~ newer DF6.....2004~newer

AMITA 3 Aluminum 3 blade Spline Drive

B	D	P	R	PART NO.
3	7.875	6.75	R	4011- 079- 07S



A 8~20 Horsepower / 2-1/2" Gearcase (10 Tooth SPLINE & THRU HUB EXHAUST)

DF 8A (4-Stroke) 2011-Newer

DT 9.9 83 ~ 87

DF 9.9 (4 Stroke) 96 ~

DF 9.9A / DF 9.9B (4-Stroke).. 2010 ~

DT 15 83 ~ 88

DT 15C 89 ~ 97

DF 15 (4-Stroke) 96 ~ 2012

9.9 C and 9.9 CN not applicable

DF15A, DF20A 2013~Newer

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	9.25	7	R	4111- 093- 07A
3	9.25	8	R	4111- 093- 08A
3	9.25	9	R	4111- 093- 09A
3	9.25	10	R	4111- 093- 10A
3	9.25	11	R	4111- 093- 11A
3	9.25	12	R	4111- 093- 12A

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	9.25	7	R	4113- 093- 07A
4	9.25	8	R	4113- 093- 08A
4	9.25	9	R	4113- 093- 09A
4	9.25	10	R	4113- 093- 10A
4	9.25	11	R	4113- 093- 11A

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	10	5	R	4113- 100- 05A
4	10	7	R	4113- 100- 07A



4113-100-07A

High Thrust Propeller

Excellent forward and reverse thrust.

Ideal for kicker/auxiliary engines with heavy loads

*A version supersedes non A version. Non A version not applicable DF15A & DF20A.

Thrust Washer (1 pack)	Washer (2pack)	Nut (1 pack)	Cotter Pin (4pack)
SATW	SAWS	SANT	Apin(1 1/8")

KITS part # : 17041501A

Prop hardware for pressed in hub propeller.

* SOLAS aftermarket hardware to install prop on engines.

B 20~30 Horsepower / 3" Gearcase (10 Tooth SPLINE & THRU HUB EXHAUST)

DT 20 83 ~ 88

DT 25, 25C 83 ~ 88

DF 25 (Includes V-Twin) 2000 ~

DF 25R 2010 ~

DF 25A 2014 ~

DT 30, 30C 83 ~ 97

DF 30 00 ~ 07

DF 30A 2014 ~

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	11	9	R	4211- 110- 09
3	10.8	10	R	4211- 108- 10
3	10.5	11	R	4211- 105- 11
3	10.3	12	R	4211- 103- 12
3	10.1	13	R	4211- 101- 13
3	10	14	R	4211- 100- 14
3	10	15	R	4211- 100- 15

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	10.2	11	R	4213- 102- 11
4	10.1	12	R	4213- 101- 12
4	10	13	R	4213- 100- 13
4	10	14	R	4213- 100- 14
4	10	15	R	4213- 100- 15



4211-101-13



4213-100-13

Thrust Washer (1 pack)	Spacer (1 pack)	Washer (2 pack)	Nut (1 pack)	Cotter Pin (4 pack)
SBTW	SBSP	YBWS	SBNT	Apin(1 1/8")

KITS part # : 17042501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub B series propeller.

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

C 35~65 Horsepower / 3-1/4" Gearcase (13 Tooth SPLINE & THRU HUB EXHAUST)

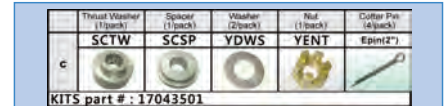
DT35C 87 ~ 89	DT 50, 50M 83 ~ 84	DT 60 83 ~ 84
DT 40 83 ~ 89	DF 50 (4-Stroke) 99 ~	DF 60A (4 Stroke) 2010 ~
DF 40 (4 Stroke) 99 ~ 00	DF 50A (4-Stroke) 2010 ~	DT 65 85 ~ 97
DF 40A 2010 ~	DT 55 85 ~ 97	

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	12	8	R	4331-120-08
3	12	9	R	4331-120-09
3	11 7/8	10	R	4331-119-10
3	11 5/8	11	R	4331-116-11
3	11 3/8	12	R	4331-114-12
3	11 1/8	13	R	4331-111-13
3	11 1/8	14	R	4331-111-14
3	11 1/8	15	R	4331-110-15

SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	12 1/4	9	R	4321-123-09
3	11 3/4	11	R	4321-118-11
3	11 1/2	12	R	4321-115-12
3	11 1/8	13	R	4321-111-13
3	11 1/8	14	R	4321-111-14
3	11	15	R	4321-110-15
3	10 3/4	16	R	4321-108-16



Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub C series propeller.



D 50~140 Horsepower / 4-1/4" Gearcase (13 Tooth SPLINE & THRU HUB EXHAUST)

DF 60 (4-Stroke) 98 ~ 09	DT 85 79 ~ 00	DT 115 81 ~ 01
DF 70 (4 Stroke) 98 ~ 08	DT 90 89 ~ 97	DT 140 81 ~ 01
DT 75 83 ~ 97	DT 100 89 ~ 00	

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	14	11	R	4431-140-11
3	13 3/4	13	R	4431-138-13
3	13 1/2	15	R	4431-135-15
3	13 1/4	17	R	4431-133-17
3	13	19	R	4431-130-19
3	13	21	R	4431-130-21

TITAN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	13 3/4	13	R	4441-138-13
3	13 3/4	15	R	4441-138-15
3	13 1/4	17	R	4441-133-17
3	13 1/4	19	R	4441-133-19

HR TITAN 4 PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	13 1/2	13	R	4453-135-13
4	13 1/4	15	R	4453-133-15
4	13	17	R	4453-130-17
4	13	19	R	4453-130-19
4	13	21	R	4453-130-21

Prop hardware for pressed in hub propeller.

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cutter Pin (4/pack)
D	Original SUZUKI Part	Original SUZUKI Part	Original SUZUKI Part	Original SUZUKI Part	Original SUZUKI Part



D+ 4-1/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

DF 70A (4-Stroke) 09 ~	DF100 (4-Stroke) 09 ~ 12	DF 115A (4-Stroke) 2013 ~
DF 80A (4-Stroke) 09 ~	DF100A (4-Stroke) 2013 ~	DF 140 (4-Stroke) 02 ~ 12
DF 90 (4-Stroke) ... 01 ~ 08	DF100B (4-Stroke) ... 2018 ~	DF 140A (4-Stroke) 2013 ~
DF 90A (4-Stroke) 09 ~	DF 115 (4-Stroke) ... 01 ~ 12	

HR TITAN 3 PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	13 7/8	15	R	3451-139-15
3	13 7/8	15	L	3452-139-15
3	13 7/8	17	R	3451-139-17
3	13 7/8	17	L	3452-139-17
3	13 7/8	19	R	3451-139-19
3	13 7/8	19	L	3452-139-19
3	13 7/8	21	R	3451-139-21
3	13 7/8	21	L	3452-139-21
3	13 7/8	23	R	3451-139-23
3	13 7/8	23	L	3452-139-23
3	13 7/8	25	R	3451-139-25

Kits for DF90 ~ DF115

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cutter Pin (4/pack)
D+	SDTW1	SDSP	YDWS	YENT	Epin(2")

KITS part #: 17044501

Kits for DF90 ~ DF140

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cutter Pin (4/pack)
D+	SDTW2	SDSP	YDWS	YENT	Epin(2")

KITS part #: 17044502

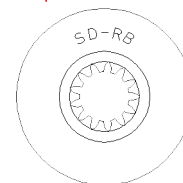
Kits for DF70A/DF80A/DF90A/DF100B

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cutter Pin (4/pack)
D+	SDTW3	SDSP	YDWS	YENT	Epin(2")

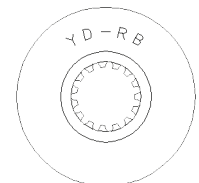
KITS part #: 17044503

Note:

For DF 70A,DF 80A,DF 90,DF 90A,DF 100,DF 115,DF 115A,DF 140,DF 140A, please use 15 tooth spline rubber hub propeller. For DF 60,DF 70, DT 75-140, please use 13 tooth spline rubber hub propeller.



For DF 60,DF 70 DT 75 - 140 Thrust Washer 13 Tooth Spline



For DF 70A,DF 80A,DF 90,DF 90A,DF 100,DF 115,DF 115A,DF 140,DF 140A Thrust Washer 15 Tooth Spline

Warning:

Those new engines DF70/DF100 between 2008~2009 and after 2009 might be with different fitting, consulting with your nearest dealer for more information.

* NOTE for DF90 - DF140 (Kits Part # 17044501 & 17044502):
- Model A and Counter Rotation Model Z use 17044502 (DF90A use 17044503)
* DF50AV / DF60AV use 17044501

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

C 35~65 Horsepower / 3-1/4" Gearcase (13 Tooth SPLINE & THRU HUB EXHAUST)

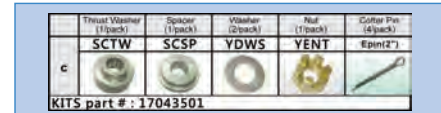
DT35C 87 ~ 89	DT 50, 50M 83 ~ 84	DT 60 83 ~ 84
DT 40 83 ~ 98	DF 50 (4-Stroke)..... 99 ~	DF 60A (4 Stroke) 2010 ~
DF 40 (4 Stroke)..... 99 ~ 00	DF 50A (4-Stroke) 2010 ~	DT 65 85 ~ 97
DF 40A 2010 ~	DT 55 85 ~ 97	

AMITA 3 Aluminum 3 blade Plus Rubber Hub

B	D	P	R	PART NO.
3	12	10	R	4311-120-10
3	11.8	11	R	4311-118-11
3	11.6	12	R	4311-116-12
3	11.6	13	R	4311-116-13
3	11.6	14	R	4311-116-14
3	11.4	15	R	4311-114-15
3	11.4	16	R	4311-114-16

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	11.8	9	R	4313-118-09
4	11.4	10	R	4313-114-10
4	11.1	11	R	4313-111-11
4	10.8	12	R	4313-108-12
4	10.5	13	R	4313-105-13
4	10.5	14	R	4313-105-14



Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub C series propeller.



4311-114-15



4313-108-12

D 50~140 Horsepower / 4-1/4" Gearcase (13 Tooth SPLINE & THRU HUB EXHAUST)

DF 60 (4-Stroke)..... 98 ~ 09	DT 85 79 ~ 00	DT 115 81 ~ 01
DF 70 (4 Stroke)..... 98 ~ 08	DT 90 89 ~ 97	DT 140 81 ~ 01
DT 75 83 ~ 97	DT 100 89 ~ 00	

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	14	9	R	4411-140-09
3	14	11	R	4411-140-11
3	13.75	13	R	4411-138-13
3	13.5	14	R	4411-135-14
3	13.5	15	R	4411-135-15
3	13.5	16	R	4411-135-16
3	13.25	17	R	4411-133-17
3	13.25	18	R	4411-133-18
3	13	19	R	4411-130-19
3	13	21	R	4411-130-21

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	13.2	19	R	4411-132-19
3	13.2	21	R	4411-132-21

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	13.25	13	R	4413-133-13
4	13	15	R	4413-130-15
4	12.75	17	R	4413-128-17
4	12.5	19	R	4413-125-19
4	12.5	21	R	4413-125-21

4-1/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

DF 50AV (4-Stroke)..... 2015 ~
DF 60AV (4-Stroke)..... 2015 ~

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	14	9	R	3411-140-09
3	14	11	R	3411-140-11



4411-133-17



4413-128-17

Prop hardware for pressed in hub propeller.



D+ 4-1/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

DF 70A (4-Stroke)..... 09 ~	DF100 (4-Stroke) 09 ~ 12	DF 115A (4-Stroke) 2013 ~
DF 80A (4-Stroke)..... 09 ~	DF100A (4-Stroke).... 2013 ~	DF 140 (4-Stroke) 02 ~ 12
DF 90 (4-Stroke)... 01 ~ 08	DF100B (4-Stroke).... 2018 ~	DF 140A (4-Stroke) 2013 ~
DF 90A (4-Stroke)..... 09 ~	DF 115 (4-Stroke) ... 01 ~ 12	

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	13.875	17	R	3411-139-17
3	13.875	19	R	3411-139-19
3	13.875	21	R	3411-139-21

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	13.75	15	R	3413-138-15
4	13.75	17	R	3413-138-17
4	13.75	19	R	3413-138-19
4	13.75	21	R	3413-138-21
4	13.75	23	R	3413-138-23 NEW!

Kits for DF90 ~ DF115



Kits for DF90 ~ DF140



Kits for DF70A/DF80A/DF90A/DF100B



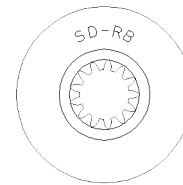
*** NOTE for DF90 - DF140 (Kits Part # 17044501 & 17044502):**

- Model A and Counter Rotation Model Z use 17044502 (DF90A use 17044503)

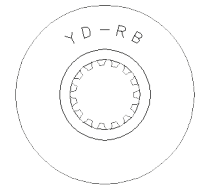
*** DF50AV / DF60AV use 17044501**

Note:

For DF50AV, DF60AV, DF 70A, DF 80A, DF 90, DF 90A, DF 100, DF 115, DF 115A, DF 140, DF 140A, please use 15 tooth spline rubber hub propeller. For DF 60, DF 70, DT 75-140, please use 13 tooth spline rubber hub propeller.



For DF 60, DF 70
DT 75 - 140
Thrust Washer
13 Tooth Spline



For DF 70A, DF 80A, DF 90,
DF 90A, DF 100, DF 115,
DF 115A, DF 140, DF 140A
Thrust Washer
15 Tooth Spline

Warning:

Those new engines DF70/DF100 between 2008~2009 and after 2009 might be with different fitting, consulting with your nearest dealer for more information.

E 150~300 Horsepower / 4-3/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

DT 150 86 ~ 03 DT 200 86 ~ 00
DT 175 86 ~ 92 DT 225 86 ~ 03

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	14 1/2	15	R	4531-145-15
3	14 1/2	15	L	4532-145-15
3	14 1/4	17	R	4531-143-17
3	14 1/4	17	L	4532-143-17
3	14	19	R	4531-140-19
3	14	19	L	4532-140-19
3	14	21	R	4531-140-21
3	14	21	L	4532-140-21
3	14	23	R	4531-140-23
3	14	23	L	4532-140-23
3	14	25	R	4531-140-25

NEW SATURN-E Plus
Suggested for 135 ~ 150 HP Motors for Heavy Boat

3	15 5/8	11	R	4531-156-11
3	15 5/8	13	R	4531-156-13
3	15 5/8	13	L	4532-156-13

HR TITAN3 PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15	14	R	4551-150-14
3	15	14	L	4552-150-14
3	14 3/4	16	R	4551-148-16
3	14 3/4	16	L	4552-148-16
3	14 3/4	17	R	4551-148-17
3	14 3/4	17	L	4552-148-17
3	14 3/4	18	R	4551-148-18
3	14 3/4	18	L	4552-148-18
3	14 3/4	19	R	4551-148-19
3	14 3/4	19	L	4552-148-19
3	14 3/4	20	R	4551-148-20
3	14 3/4	20	L	4552-148-20
3	14 1/2	21	R	4551-145-21
3	14 1/2	21	L	4552-145-21
3	14 1/4	22	R	4551-143-22
3	14 1/4	22	L	4552-143-22
3	14	24	R	4551-140-24
3	14	24	L	4552-140-24



NEW SATURN
4531-140-19



HR TITAN3
4551-145-21

Recommended for
DF 150, 175, 200, 225, 250, 300 (ALL YEAR)

HR TITAN4 PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	14 1/2	15	R	4553-145-15
4	14 1/2	15	L	4554-145-15
4	14 1/4	17	R	4553-143-17
4	14 1/4	17	L	4554-143-17
4	14 1/8	18	R	4553-141-18
4	14 1/8	18	L	4554-141-18
4	14 1/8	19	R	4553-141-19
4	14 1/8	19	L	4554-141-19
4	14	20	R	4553-140-20
4	14	20	L	4554-140-20
4	14	21	R	4553-140-21
4	14	21	L	4554-140-21
4	14	22	R	4553-140-22
4	14	22	L	4554-140-22
4	14	23	R	4553-140-23
4	14	23	L	4554-140-23
4	14	25	R	4553-140-25
4	14	25	L	4554-140-25
4	14	27	R	4553-140-27

LEXOR PROPPELLER Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15 3/4	15	R	4571-158-15
3	15 3/4	15	L	4572-158-15
3	15 5/8	16	R	4571-156-16
3	15 5/8	16	L	4572-156-16
3	15 1/2	17	R	4571-155-17
3	15 1/2	17	L	4572-155-17
3	15 3/8	18	R	4571-154-18
3	15 3/8	18	L	4572-154-18
3	15 1/4	19	R	4571-153-19
3	15 1/4	19	L	4572-153-19
3	15 1/8	20	R	4571-151-20
3	15 1/8	20	L	4572-151-20
3	15	21	R	4571-150-21
3	15	21	L	4572-150-21
3	14 7/8	22	R	4571-149-22
3	14 7/8	22	L	4572-149-22
3	14 3/4	23	R	4571-148-23
3	14 3/4	23	L	4572-148-23
3	14 1/2	25	R	4571-145-25
3	14 1/2	25	L	4572-145-25
3	14 1/2	27	R	4571-145-27
3	14 1/2	27	L	4572-145-27

LEXOR PLUS Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	16	17	R	4571-160-17
3	16	17	L	4572-160-17
3	16	19	R	4571-160-19
3	16	19	L	4572-160-19
3	15 3/4	21	R	4571-158-21
3	15 3/4	21	L	4572-158-21
3	15 5/8	23	R	4571-156-23
3	15 5/8	23	L	4572-156-23

LEXOR 4 Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	15 1/4	18	R	4573-153-18
4	15 1/4	18	L	4574-153-18
4	15 1/4	20	R	4573-153-20
4	15 1/4	20	L	4574-153-20
4	15 1/4	22	R	4573-153-22
4	15 1/4	22	L	4574-153-22
4	15 1/4	24	R	4573-153-24
4	15 1/4	24	L	4574-153-24
4	15 1/4	26	R	4573-153-26
4	15 1/4	26	L	4574-153-26
4	15 1/4	28	R	4573-153-28



HR TITAN4
4553-140-20



LEXOR
4571-148-23



LEXOR PLUS
4571-158-21



LEXOR 4
4573-153-22

Thrust Washer (1/2inch)	Spacer (1/2inch)	Washer (2/3inch)	Nut (1/2inch)	Cotter Pin (4/6inch)
SETW	SESP	YDWS	YENT	SPIN(2")

KITS part #: 17045501

Prop hardware for pressed in hub propeller.
* Required hardware to install propeller that SOLAS makes in hub E series propeller.

E 150~300 Horsepower / 4-3/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

DT 150 86 ~ 03
DT 175 86 ~ 92

DT 200 86 ~ 00
DT 225 86 ~ 03

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15.5	13	R	4511-155-13
3	15	15	R	4511-150-15
3	15	15	L	4512-150-15
3	14.8	17	R	4511-148-17
3	14.8	17	L	4512-148-17
3	14.5	19	R	4511-145-19
3	14.5	19	L	4512-145-19
3	14.3	21	R	4511-143-21
3	14.3	21	L	4512-143-21
3	14.2	23	R	4511-142-23
3	14.2	23	L	4512-142-23

**Recommended for
DF 150, 175, 200, 225, 250, 300 (ALL YEAR)**

AMITA 3-E Plus Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	16	13	R	4511-160-13
3	15.8	15	R	4511-158-15
3	15.8	15	L	4512-158-15
3	15.5	17	R	4511-155-17
3	15.5	17	L	4512-155-17
3	15.3	19	R	4511-153-19
3	15.3	19	L	4512-153-19
3	15.3	21	R	4511-153-21
3	15.3	21	L	4512-153-21
3	15.3	23	R	4511-153-23

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	14.75	15	R	4513-148-15
4	14.75	15	L	4514-148-15
4	14.5	17	R	4513-145-17
4	14.5	17	L	4514-145-17
4	14.25	19	R	4513-143-19
4	14.25	19	L	4514-143-19
4	14	21	R	4513-140-21
4	14	21	L	4514-140-21
4	14	23	R	4513-140-23



	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
E	SETW	SESP	YDWS	YENT	Epini(2*)

KITS part # : 17045501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub E series propeller.

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

G Dual Prop System (Front 25 Tooth Spline / Rear 15 Tooth Spline & THRU HUB EXHAUST)

DF300B 2019~ DF325A 2018~ DF350A 2017~

SG **Stainless steel 3&4 blade Rubber Hub** **NEW!**

B	D	P	R	PART NO.
3	15 1/2	19.5	Front	4652-155-195
3	15 1/2	21.0	Front	4652-155-210
3	15 1/2	22.5	Front	4652-155-225
3	15 1/2	24.0	Front	4652-155-240
3	15 1/2	25.5	Front	4652-155-255
4	14 1/8	19.5	Rear	4653-141-195
4	14 1/8	21.0	Rear	4653-141-210
4	14 1/8	22.5	Rear	4653-141-225
4	14 1/8	24.0	Rear	4653-141-240
4	14 1/8	25.5	Rear	4653-141-255

SOLAS

Dual Props



* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

DUAL PROPS

 **SUZUKI**

DF300B DF325A DF350A



**Stainless Steel
3 Blade Front & 4 Blade Rear
Rubber Hub Propeller**

- Maximize the efficiency of the engine by turning the horsepower into propulsion under water more efficiently
- Great maneuverability
- Excellent grip and acceleration
- Outstanding stability by each prop rotating in a different direction



Suzuki is registered trademark of the Suzuki Marine

A 9.9~20 Horsepower / 2-1/2" Gearcase (14 Tooth SPLINE & THRU HUB EXHAUST)

9.9 HP (2-Stroke).....1984~Newer 15 HP (2-Stroke) 1985~Newer 18 HP (2-Stroke)1985~Newer 20 HP (4-Stroke)2007~Newer
 9.9 HP (4-Stroke)00~03 15 HP (4-Stroke)2000~Newer 18 HP (4-Stroke)01~08
 12 HP..... 85~88 MFS 9.9,15,18,20 (4-Stroke); MSFMFS 9.9,15,18,20

SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	9 1/4	7	R	5121-093-07
3	9 1/4	8	R	5121-093-08
3	9 1/4	9	R	5121-093-09
3	9 1/4	10	R	5121-093-10
3	9 1/4	11	R	5121-093-11
3	9 1/4	12	R	5121-093-12



5121-093-09

Thrust Washer (1/each)	Spacer (1/each)	Washer (2/each)	Nut (1/each)	Collar Pin (4/each)
TATW	N/A	TAWS	TANT	Apin(1 1/8")

KITS part # : 17051501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub A series propeller.

B 25~30 Horsepower / 3" Gearcase (10 Tooth SPLINE & THRU HUB EXHAUST)

MFS 25,30(4-Stroke) 25 HP86 ~ 01 30 HP85 ~ 01 30 HP TLDI.....2016~ Newer
 NSF 25,30(4-Stroke) 25 HP (4-Stroke) 02 ~ 30 HP (4-Stroke) 02 ~

SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	10	8	R	5221-100-08
3	10	9	R	5221-100-09
3	10	10	R	5221-100-10
3	10	11	R	5221-100-11
3	10	12	R	5221-100-12
3	10	13	R	5221-100-13
3	10	14	R	5221-100-14



5221-100-11

NEW SATURN PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	10	9	R	5233-100-09
4	10	10	R	5233-100-10



5233-100-09

HRTITAN4 PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	10	10	R	5253-100-10
4	10	11	R	5253-100-11
4	10	12	R	5253-100-12



5253-100-11

Thrust Washer (1/each)	Spacer (1/each)	Washer (2/each)	Nut (1/each)	Collar Pin (4/each)
TBTW	N/A	TAWS	TANT	Apin(1 1/8")

KITS part # : 17052501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub B series propeller.

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

2.5~3.5HP (Plastic Propeller)

B	D	P	R	PART NO.
3	7 1/4	6	R	0001- 073- 06- P

0001- 073- 06- P



5 4 ~ 6 Horsepower

(12 Tooth Spline & Thru Hub Exhaust)

MFS4,5S,6S(4-Stroke) M5B(2-Stroke)

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	7.8	6	R	5011- 078- 06
3	7.8	7	R	5011- 078- 07
3	7.8	8	R	5011- 078- 08
3	7.8	9	R	5011- 078- 09



5011- 078- 09

8 8~9.8 Horsepower (12 Tooth Spline & Thru Hub Exhaust)

8 HP (2 & 4-Stroke)2005~Newer

9.8 HP (2 & 4-Stroke).....2005~Newer

MFS8,9.8 (4-Stroke) NSF 8,9.8(4-Stroke)

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	8.5	7	R	5011- 085- 07
3	8.5	8	R	5011- 085- 08
3	8.5	9	R	5011- 085- 09

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	8.7	5	R	5013- 087- 05
4	8.7	7	R	5013- 087- 07

High Thrust Propeller

Excellent forward and reverse thrust.
Ideal for kicker/auxiliary engines with heavy loads



5011- 085- 08



5013- 087- 07

A 9.9~20 Horsepower / 2-1/2" Gearcase (14 Tooth SPLINE & THRU HUB EXHAUST)

9.9 HP (2-Stroke).....1984~Newer
9.9 HP (4-Stroke)00~03
12 HP..... 85~88

15 HP (2-Stroke) 1985~Newer
15 HP (4-Stroke)2000~Newer
MFS 9.9,15,18,20 (4-Stroke); MSFMFS 9.9,15,18,20

18 HP (2-Stroke)1985~Newer
18 HP (4-Stroke)01~08

20 HP (4-Stroke)2007~Newer

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	9.25	7	R	5111- 093- 07
3	9.25	8	R	5111- 093- 08
3	9.25	9	R	5111- 093- 09
3	9.25	10	R	5111- 093- 10
3	9.25	11	R	5111- 093- 11
3	9.25	12	R	5111- 093- 12
3	9.25	13	R	5111- 093- 13

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	9.25	7	R	5113- 093- 07
4	9.25	8	R	5113- 093- 08
4	9.25	9	R	5113- 093- 09
4	9.25	10	R	5113- 093- 10
4	9.25	11	R	5113- 093- 11

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	10	5	R	5113- 100- 05
4	10	7	R	5113- 100- 07

5113- 100- 07



High Thrust Propeller

Excellent forward and reverse thrust.
Ideal for kicker/auxiliary engines with heavy loads

Thrust Washer (1/2pack)	Spacer (1/2pack)	Washer (2/2pack)	Nut (1/2pack)	Collar Pin (4/2pack)
TATW	N/A	TAWS	TANT	Apin(1 1/8")

KITS part # : 17051501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub A series propeller.

B 25~30 Horsepower / 3" Gearcase (10 Tooth SPLINE & THRU HUB EXHAUST)

MFS 25,30(4-Stroke)
NSF 25,30(4-Stroke)

25 HP86 ~ 01
25 HP (4-Stroke) 02 ~

30 HP85 ~ 01
30 HP (4-Stroke) 02 ~

30 HP TLDI.....2016~ Newer

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	9.9	9	R	5211- 099- 09
3	9.9	10	R	5211- 099- 10
3	9.9	11	R	5211- 099- 11
3	9.9	12	R	5211- 099- 12
3	9.9	13	R	5211- 099- 13
3	9.9	14	R	5211- 099- 14

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	10.2	11	R	5213- 102- 11
4	10.1	12	R	5213- 101- 12
4	10	13	R	5213- 100- 13
4	10	14	R	5213- 100- 14
4	10	15	R	5213- 100- 15



5211- 099- 11



5213- 100- 13

Thrust Washer (1/2pack)	Spacer (1/2pack)	Washer (2/2pack)	Nut (1/2pack)	Collar Pin (4/2pack)
TBTW	N/A	TAWS	TANT	Apin(1 1/8")

KITS part # : 17052501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub B series propeller.

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

C 35~50 Horsepower / 3-1/4" Gearcase (13 Tooth SPLINE & THRU HUB EXHAUST)

35 HP (35B only) Thru 1984 40 HP 1984 & Newer MFS 40HP 2015~Newer 50 HP (All except 50C) 1992 & Newer MFS60A 2019 & Newer
BFT60 / BFT60A 2014 & Newer

NEW SATURN Stainless steel 3 blade
PROP Rubber Hub

B	D	P	R	PART NO.
3	12	8	R	5331-120-08
3	12	9	R	5331-120-09
3	11 7/8	10	R	5331-119-10
3	11 5/8	11	R	5331-116-11
3	11 3/8	12	R	5331-114-12
3	11 1/8	13	R	5331-111-13
3	11 1/8	14	R	5331-111-14
3	11	15	R	5331-110-15

SATURN Stainless steel 3 blade
PROP Rubber Hub

B	D	P	R	PART NO.
3	12 1/4	9	R	5321-123-09
3	11 3/4	11	R	5321-118-11
3	11 1/2	12	R	5321-115-12
3	11 1/8	13	R	5321-111-13
3	11 1/8	14	R	5321-111-14
3	11	15	R	5321-110-15



Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub C series propeller.

D 60~140 Horsepower / 4-1/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

60C HP(Large Gearcase) ~ 99 90 HP 87 ~ 01 120 HP 88 ~ 03
70C HP(Large Gearcase) ~ 99 90 HP TLDI 01 ~ 140 HP 88 ~ 03
70 HP TLDI 02 ~ 09 115 HP 92 ~ 01
75 HP TLDI 10 ~ 115 HP TLDI 04 ~

NEW SATURN Stainless steel 3 blade
PROP Rubber Hub

B	D	P	R	PART NO.
3	14	11	R	3431-140-11
3	13 3/4	13	R	3431-138-13
3	13 1/2	15	R	3431-135-15
3	13 1/4	17	R	3431-133-17
3	13	19	R	3431-130-19
3	13	21	R	3431-130-21

TITAN Stainless steel 3 blade
PROP Rubber Hub

B	D	P	R	PART NO.
3	13 3/4	13	R	3441-138-13
3	13 3/4	15	R	3441-138-15
3	13 1/4	17	R	3441-133-17
3	13 1/4	19	R	3441-133-19

HRTITAN4 Stainless steel 4 blade
PROP Rubber Hub

B	D	P	R	PART NO.
4	13 1/2	13	R	3453-135-13
4	13 1/4	15	R	3453-133-15
4	13	17	R	3453-130-17
4	13	19	R	3453-130-19
4	13	21	R	3453-130-21



Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub D series propeller.

D 60~90 Horsepower / 4-1/4" Gearcase (15 Tooth Spline)

BFTW60/BFTW60A 2014 & Newer BFW60 14~ BFT75.....14 ~ BFT9014 ~

NEW SATURN Stainless steel 3 blade
PROP Rubber Hub

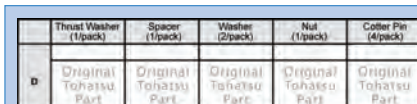
B	D	P	R	PART NO.
3	14	11	R	6431-140-11
3	13 3/4	13	R	6431-138-13
3	13 3/4	13	L	6432-138-13
3	13 1/2	15	R	6431-135-15
3	13 1/2	15	L	6432-135-15
3	13 1/4	17	R	6431-133-17
3	13 1/4	17	L	6432-133-17
3	13	19	R	6431-130-19
3	13	19	L	6432-130-19
3	13	21	R	6431-130-21

TITAN Stainless steel 3 blade
PROP Rubber Hub

B	D	P	R	PART NO.
3	13 3/4	13	R	6441-138-13
3	13 3/4	13	L	6442-138-13
3	13 3/4	15	R	6441-138-15
3	13 3/4	15	L	6442-138-15
3	13 1/4	17	R	6441-133-17
3	13 1/4	17	L	6442-133-17
3	13 1/4	19	R	6441-133-19
3	13 1/4	19	L	6442-133-19

HRTITAN4 Stainless steel 4 blade
PROP Rubber Hub

B	D	P	R	PART NO.
4	13 1/2	13	R	6453-135-13
4	13 1/4	15	R	6453-133-15
4	13	17	R	6453-130-17
4	13	19	R	6453-130-19
4	13	21	R	6453-130-21



Prop hardware for pressed in hub propeller.



6453-130-19

C 35~50 Horsepower / 3-1/4" Gearcase (13 Tooth SPLINE & THRU HUB EXHAUST)

35 HP (35B only) Thru 1984 40 HP 1984 & Newer MFS 40HP 2015~Newer 50 HP (All except 50C) 1992 & Newer MFS60A 2019 & Newer
BFT60 / BFT60A 2014 & Newer

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	12.2	7	R	5311-122-07
3	12.2	8	R	5311-122-08
3	12.1	9	R	5311-121-09
3	11.8	10	R	5311-118-10
3	11.6	11	R	5311-116-11
3	11.4	12	R	5311-114-12
3	11.1	13	R	5311-111-13
3	11.1	14	R	5311-111-14
3	11	15	R	5311-110-15
3	11	16	R	5311-110-16
3	11	17	R	5311-110-17

AMITA 3 Aluminum 3 blade -C Plus Rubber Hub

B	D	P	R	PART NO.
3	12	10	R	5311- 120- 10
3	11.8	11	R	5311- 118- 11
3	11.6	12	R	5311- 116- 12
3	11.6	13	R	5311- 116- 13
3	11.6	14	R	5311- 116- 14
3	11.4	15	R	5311- 114- 15
3	11.4	16	R	5311- 114- 16

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	11.8	9	R	5313- 118- 09
4	11.4	10	R	5313- 114- 10
4	11.1	11	R	5313- 111- 11
4	10.8	12	R	5313- 108- 12
4	10.5	13	R	5313- 105- 13
4	10.5	14	R	5313- 105- 14



Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub C series propeller.

D 60~140 Horsepower / 4-1/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

60C HP(Large Gearcase) ~ 99 90 HP 87 ~ 01 120 HP 88 ~ 03
70C HP(Large Gearcase) ~ 99 90 HP TLDI 01 ~ 140 HP 88 ~ 03
70 HP TLDI02 ~ 09 115 HP92 ~ 01
75 HP TLDI10 ~ 115 HP TLDI04 ~

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	14	9	R	3411- 140- 09
3	14	11	R	3411- 140- 11
3	13.75	13	R	3411- 138- 13
3	13.5	14	R	3411- 135- 14
3	13.5	15	R	3411- 135- 15
3	13.5	16	R	3411- 135- 16
3	13.25	17	R	3411- 133- 17
3	13.25	18	R	3411- 133- 18
3	13	19	R	3411- 130- 19
3	13	21	R	3411- 130- 21

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	13.2	19	R	3411- 132- 19
3	13.2	21	R	3411- 132- 21

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	13.25	13	R	3413- 133- 13
4	13	15	R	3413- 130- 15
4	12.75	17	R	3413- 128- 17
4	12.5	19	R	3413- 125- 19
4	12.5	21	R	3413- 125- 21



Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub D series propeller.

D 60~90 Horsepower / 4-1/4" Gearcase (15 Tooth Spline)

BFTW60/BFTW60A 2014 & Newer BFW60 14~ BFT75.....14 ~ BFT9014 ~

AMITA 3 Aluminum 3 blade Rubber Hub

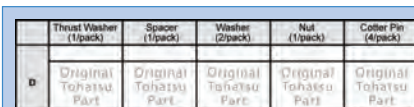
B	D	P	R	PART NO.
3	14	9	R	6411-140-09
3	14	11	R	6411-140-11
3	13.75	13	R	6411-138-13
3	13.75	13	L	6412-138-13
3	13.5	14	R	6411-135-14
3	13.5	15	R	6411-135-15
3	13.5	15	L	6412-135-15
3	13.5	16	R	6411-135-16
3	13.25	17	R	6411-133-17
3	13.25	17	L	6412-133-17
3	13.25	18	R	6411-133-18
3	13	19	R	6411-130-19
3	13	21	R	6411-130-21

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	13.2	19	R	6411- 132- 19
3	13.2	21	R	6411- 132- 21

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	13.25	13	R	6413- 133- 13
4	13	15	R	6413- 130- 15
4	12.75	17	R	6413- 128- 17
4	12.5	19	R	6413- 125- 19
4	12.5	21	R	6413- 125- 21



Prop hardware for pressed in hub propeller.



6413-128-17

E 115~250 Horsepower / 4-3/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

BFT1152014 & Newer
BFT1502014 & Newer

BFT2002014 & Newer
BFT2252014 & Newer

BFT250.....2014 & Newer

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	14 1/2	15	R	1531-145-15
3	14 1/2	15	L	1532-145-15
3	14 1/4	17	R	1531-143-17
3	14 1/4	17	L	1532-143-17
3	14	19	R	1531-140-19
3	14	19	L	1532-140-19
3	14	21	R	1531-140-21
3	14	21	L	1532-140-21
3	14	23	R	1531-140-23
3	14	23	L	1532-140-23
3	14	25	R	1531-140-25

NEW SATURN-E Plus
Suggested for 135 ~ 150 HP Motors for Heavy Boat

3	15 5/8	11	R	1531-156-11
3	15 5/8	13	R	1531-156-13
3	15 5/8	13	L	1532-156-13

HR TITAN3 PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15	14	R	1551-150-14
3	15	14	L	1552-150-14
3	14 3/4	16	R	1551-148-16
3	14 3/4	16	L	1552-148-16
3	14 3/4	17	R	1551-148-17
3	14 3/4	17	L	1552-148-17
3	14 3/4	18	R	1551-148-18
3	14 3/4	18	L	1552-148-18
3	14 3/4	19	R	1551-148-19
3	14 3/4	19	L	1552-148-19
3	14 3/4	20	R	1551-148-20
3	14 3/4	20	L	1552-148-20
3	14 1/2	21	R	1551-145-21
3	14 1/2	21	L	1552-145-21
3	14 1/4	22	R	1551-143-22
3	14 1/4	22	L	1552-143-22
3	14	24	R	1551-140-24
3	14	24	L	1552-140-24

HR TITAN4 PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	14 1/2	15	R	1553-145-15
4	14 1/2	15	L	1554-145-15
4	14 1/4	17	R	1553-143-17
4	14 1/4	17	L	1554-143-17
4	14 1/8	18	R	1553-141-18
4	14 1/8	18	L	1554-141-18
4	14 1/8	19	R	1553-141-19
4	14 1/8	19	L	1554-141-19
4	14	20	R	1553-140-20
4	14	20	L	1554-140-20
4	14	21	R	1553-140-21
4	14	21	L	1554-140-21
4	14	22	R	1553-140-22
4	14	22	L	1554-140-22
4	14	23	R	1553-140-23
4	14	23	L	1554-140-23
4	14	25	R	1553-140-25
4	14	25	L	1554-140-25
4	14	27	R	1553-140-27

LEXOR Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15 3/4	15	R	1571-158-15
3	15 3/4	15	L	1572-158-15
3	15 5/8	16	R	1571-156-16
3	15 5/8	16	L	1572-156-16
3	15 1/2	17	R	1571-155-17
3	15 1/2	17	L	1572-155-17
3	15 3/8	18	R	1571-154-18
3	15 3/8	18	L	1572-154-18
3	15 1/4	19	R	1571-153-19
3	15 1/4	19	L	1572-153-19
3	15 1/8	20	R	1571-151-20
3	15 1/8	20	L	1572-151-20
3	15	21	R	1571-150-21
3	15	21	L	1572-150-21
3	14 7/8	22	R	1571-149-22
3	14 7/8	22	L	1572-149-22
3	14 3/4	23	R	1571-148-23
3	14 3/4	23	L	1572-148-23
3	14 1/2	25	R	1571-145-25
3	14 1/2	25	L	1572-145-25
3	14 1/2	27	R	1571-145-27
3	14 1/2	27	L	1572-145-27

Scorpion Stainless steel 3 blade Rubber Hub



	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
E	Original Tohatsu Part	Original Tohatsu Part	Original Tohatsu Part	Original Tohatsu Part	Original Tohatsu Part

Prop hardware for pressed in hub propeller.

E 115~250 Horsepower / 4-3/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

BFT1152014 & Newer
BFT1502014 & Newer

BFT2002014 & Newer
BFT2252014 & Newer

BFT250.....2014 & Newer

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15.5	13	R	1511-155-13
3	15	15	R	1511-150-15
3	15	15	L	1512-150-15
3	14.8	17	R	1511-148-17
3	14.8	17	L	1512-148-17
3	14.5	19	R	1511-145-19
3	14.5	19	L	1512-145-19
3	14.3	21	R	1511-143-21
3	14.3	21	L	1512-143-21
3	14.2	23	R	1511-142-23
3	14.2	23	L	1512-142-23

AMITA 3-E Plus Aluminum 3 blade Plus Rubber Hub

B	D	P	R	PART NO.
3	16	13	R	1511-160-13
3	15.8	15	R	1511-158-15
3	15.8	15	L	1512-158-15
3	15.5	17	R	1511-155-17
3	15.5	17	L	1512-155-17
3	15.3	19	R	1511-153-19
3	15.3	19	L	1512-153-19
3	15.3	21	R	1511-153-21
3	15.3	21	L	1512-153-21
3	15.3	23	R	1511-153-23

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	14.75	15	R	1513-148-15
4	14.75	15	L	1514-148-15
4	14.5	17	R	1513-145-17
4	14.5	17	L	1514-145-17
4	14.25	19	R	1513-143-19
4	14.25	19	L	1514-143-19
4	14	21	R	1513-140-21
4	14	21	L	1514-140-21
4	14	23	R	1513-140-23



1511-143-21



1511-153-19



1513-140-21

	Thrual Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
E	Original Tohatsu Part	Original Tohatsu Part	Original Tohatsu Part	Original Tohatsu Part	Original Tohatsu Part

Prop hardware for pressed in hub propeller.

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

A 8~20 Horsepower / 2-1/2" Gearcase (8 Tooth SPLINE & THRU HUB EXHAUST)

BF 8 HP 00 ~ BF 15 HP..... 91 ~
BF 9.9 HP 88 ~ BF 20 HP..... 03 ~

SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	9 1/4	7	R	3121-093-07
3	9 1/4	8	R	3121-093-08
3	9 1/4	9	R	3121-093-09
3	9 1/4	10	R	3121-093-10
3	9 1/4	11	R	3121-093-11
3	9 1/4	12	R	3121-093-12



SATURN
3121-093-09

	Thrust Washer (1/each)	Spacer (1/each)	Washer (2/each)	Nut (1/each)	Collar Pin (2/each)
A	HATW	N/A	YAWS	YANT	Asim1 1/8"

Prop hardware for pressed in hub propeller.
* Required hardware to install propeller that SOLAS makes in hub A series propeller.

KITS part # : 17061501

B 25~30 Horsepower / 3" Gearcase (10 Tooth SPLINE & THRU HUB EXHAUST)

BF 25 HP 94 ~ BF 30 HP 95 ~

SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	10	8	R	5221-100-08
3	10	9	R	5221-100-09
3	10	10	R	5221-100-10
3	10	11	R	5221-100-11
3	10	12	R	5221-100-12
3	10	13	R	5221-100-13
3	10	14	R	5221-100-14



5221-100-11

NEW SATURN PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	10	9	R	5233-100-09
4	10	10	R	5233-100-10



5233-100-09

HR TITAN4 PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	10	10	R	5253-100-10
4	10	11	R	5253-100-11
4	10	12	R	5253-100-12



5253-100-11

	Thrust Washer (1/each)	Spacer (1/each)	Washer (2/each)	Nut (1/each)	Collar Pin (2/each)
B	HBTW	N/A	YBWS	YBNT	Asim1 1/8"

Prop hardware for pressed in hub propeller.
* Required hardware to install propeller that SOLAS makes in hub B series propeller.

KITS part # : 17062501

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

5 4/ 5/ 6 Horsepower (Pin Drive)

BF4/5/6All Year

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	7 7/8	5 7/8	R	6011-079-05P
3	7 7/8	6 3/4	R	6011-079-06P
3	7 7/8	7 1/2	R	6011-079-07P



Rubber Hub: H5-RB
P/N: 170600

BF2 Series (Plastic Propeller)

BF2 SeriesAll Year

B	D	P	R	PART NO.
3	7 1/4	6	R	6001-073-06-P



6001-073-06-P

7.5~10 Horsepower (Pin Drive)

BF 7.5.....78~87 BF 8.....87~99 BF 100 (10HP).....All Years

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	9	10	R	2111-090-10P
3	9.25	11	R	2111-093-11P



Rubber Hub: POA-RB2
P/N: 1798102

A 8~20 Horsepower / 2-1/2" Gearcase (8 Tooth SPLINE & THRU HUB EXHAUST)

BF 8 HP 00 ~

BF 15 HP..... 91 ~

BF 9.9 HP 88 ~

BF 20 HP..... 03 ~

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	9.25	7	R	3111-093-07
3	9.25	8	R	3111-093-08
3	9.25	9	R	3111-093-09
3	9.25	10	R	3111-093-10
3	9.25	11	R	3111-093-11
3	9.25	12	R	3111-093-12

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	9.25	7	R	3113-093-07
4	9.25	8	R	3113-093-08
4	9.25	9	R	3113-093-09
4	9.25	10	R	3113-093-10
4	9.25	11	R	3113-093-11

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	10	5	R	3113-100-05
4	10	7	R	3113-100-07



3111-093-10



3113-093-10



3113-100-07

High Thrust Propeller

Excellent forward and reverse thrust.
Ideal for kicker/auxiliary engines with heavy loads

Thrust Washer (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)	Cutter Pin (4pack)
HATW	N/A	YAWS	YANT	Apin1 1/8"

KITS part #: 17061501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub A series propeller.

B 25~30 Horsepower / 3" Gearcase (10 Tooth SPLINE & THRU HUB EXHAUST)

BF 25 HP 94 ~

BF 30 HP 95 ~

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	9.9	9	R	5211-099-09
3	9.9	10	R	5211-099-10
3	9.9	11	R	5211-099-11
3	9.9	12	R	5211-099-12
3	9.9	13	R	5211-099-13
3	9.9	14	R	5211-099-14

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	10.2	11	R	5213-102-11
4	10.1	12	R	5213-101-12
4	10	13	R	5213-100-13
4	10	14	R	5213-100-14



5211-099-11



5213-100-13

Thrust Washer (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)	Cutter Pin (4pack)
HBTW	N/A	YBWS	YBNT	Apin1 1/8"

KITS part #: 17062501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub C series propeller.

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

C 35~60 Horsepower / 3-1/4" Gearcase (13 Tooth SPLINE & THRU HUB EXHAUST)

BF 35 HP 91 ~ 94
BF 40 HP 95 ~
BF 45 HP 91 ~ 94

BF 50/50A HP 95 ~
BF 60 10 ~

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	12	8	R	3331-120-08
3	12	9	R	3331-120-09
3	11 7/8	10	R	3331-119-10
3	11 5/8	11	R	3331-116-11
3	11 3/8	12	R	3331-114-12
3	11 1/8	13	R	3331-111-13
3	11 1/8	14	R	3331-111-14
3	11	15	R	3331-110-15

SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	12 1/4	9	R	3321-123-09
3	11 3/4	11	R	3321-118-11
3	11 1/2	12	R	3321-115-12
3	11 1/8	13	R	3321-111-13
3	11 1/8	14	R	3321-111-14
3	11	15	R	3321-110-15
3	10 3/4	16	R	3321-108-16

Thrust Washer (1/each)	Spacer (1/each)	Washer (2/each)	Nut (1/each)	Coller Pin (4/each)
HCTW	YCSP	YDWS	YCNT	CPIN(1 1/2")

KITS part #: 17063501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub C series propeller.



3331-110-15



3321-111-13

D 60~130 Horsepower / 4-1/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

BFP 60 HP 10 ~
BF 75 HP 95 ~
BF 90 HP 95 ~

BF 115 HP 98 ~ 10
BF 130 HP 98 ~ 04

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	14	11	R	6431-140-11
3	13 3/4	13	R	6431-138-13
3	13 3/4	13	L	6432-138-13
3	13 1/2	15	R	6431-135-15
3	13 1/2	15	L	6432-135-15
3	13 1/4	17	R	6431-133-17
3	13 1/4	17	L	6432-133-17
3	13	19	R	6431-130-19
3	13	19	L	6432-130-19
3	13	21	R	6431-130-21

TITAN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	13 3/4	13	R	6441-138-13
3	13 3/4	13	L	6442-138-13
3	13 3/4	15	R	6441-138-15
3	13 3/4	15	L	6442-138-15
3	13 1/4	17	R	6441-133-17
3	13 1/4	17	L	6442-133-17
3	13 1/4	19	R	6441-133-19
3	13 1/4	19	L	6442-133-19

HRTITAN4 PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	13 1/2	13	R	6453-135-13
4	13 1/4	15	R	6453-133-15
4	13	17	R	6453-130-17
4	13	19	R	6453-130-19
4	13	21	R	6453-130-21



6431-133-17



6441-133-17



6453-130-19

Thrust Washer (1/each)	Spacer (1/each)	Washer (2/each)	Nut (1/each)	Coller Pin (4/each)
HDTW	Installed on Prop	YDWS	YENT	EPIN

KITS part #: 17064501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub D series propeller.

C 35~60 Horsepower / 3-1/4" Gearcase (13 Tooth SPLINE & THRU HUB EXHAUST)

BF 35 HP 91 ~ 94
BF 40 HP 95 ~
BF 45 HP 91 ~ 94

BF 50/50A HP 95 ~
BF 60 10 ~

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	12.2	7	R	3311-122-07
3	12.2	8	R	3311-122-08
3	12.1	9	R	3311-121-09
3	11.8	10	R	3311-118-10
3	11.6	11	R	3311-116-11
3	11.4	12	R	3311-114-12
3	11.1	13	R	3311-111-13
3	11.1	14	R	3311-111-14
3	11	15	R	3311-110-15
3	11	16	R	3311-110-16
3	11	17	R	3311-110-17

AMITA 3-C Plus Rubber Hub

B	D	P	R	PART NO.
3	12	10	R	3311- 120- 10
3	11.8	11	R	3311- 118- 11
3	11.6	12	R	3311- 116- 12
3	11.6	13	R	3311- 116- 13
3	11.6	14	R	3311- 116- 14
3	11.4	15	R	3311- 114- 15
3	11.4	16	R	3311- 114- 16

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	11.8	9	R	3313-118-09
4	11.4	10	R	3313-114-10
4	11.1	11	R	3313-111-11
4	10.8	12	R	3313-108-12
4	10.5	13	R	3313-105-13
4	10.5	14	R	3313-105-14



3311-110-15



3311-116-13



3313-105-14

Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
HCTW	YCSP	YDWS	YCNT	Cotter(1/2")
KITS part # : 17063501				

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub C series propeller.

D 60~130 Horsepower / 4-1/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

BFP 60 HP..... 10 ~
BF 75 HP 95 ~
BF 90 HP 95 ~

BF 115 HP 98 ~ 10
BF 130 HP 98 ~ 04
BF 80 HP 13 ~

BF 100 HP 13 ~

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	14	9	R	6411-140-09
3	14	11	R	6411-140-11
3	13.75	13	R	6411-138-13
3	13.75	13	L	6412-138-13
3	13.5	14	R	6411-135-14
3	13.5	15	R	6411-135-15
3	13.5	15	L	6412-135-15
3	13.5	16	R	6411-135-16
3	13.25	17	R	6411-133-17
3	13.25	17	L	6412-133-17
3	13.25	18	R	6411-133-18
3	13	19	R	6411-130-19
3	13	21	R	6411-130-21

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	13.2	19	R	6411- 132- 19
3	13.2	21	R	6411- 132- 21



6411-132-19

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	13.25	13	R	6413- 133- 13
4	13	15	R	6413- 130- 15
4	12.75	17	R	6413- 128- 17
4	12.5	19	R	6413- 125- 19
4	12.5	21	R	6413- 125- 21



6413-128-17



6411-133-17

Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
HDTW		YDWS	YENT	EPIN
Installed on Prop				
KITS part # : 17064501				

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub D series propeller.

E 115~250 Horsepower / 4-3/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

BF 115 HP11 ~ 150 HP 04 ~ 225 HP 02 ~
 BF 135 HP04 ~ 200 HP 02 ~ 250 HP.....12 ~

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	14 1/2	15	R	1531-145-15
3	14 1/2	15	L	1532-145-15
3	14 1/4	17	R	1531-143-17
3	14 1/4	17	L	1532-143-17
3	14	19	R	1531-140-19
3	14	19	L	1532-140-19
3	14	21	R	1531-140-21
3	14	21	L	1532-140-21
3	14	23	R	1531-140-23
3	14	23	L	1532-140-23
3	14	25	R	1531-140-25

NEW SATURN-E Plus
Suggested for 135 ~ 150 HP Motors for Heavy Boat

3	15 5/8	11	R	1531-156-11
3	15 5/8	13	R	1531-156-13
3	15 5/8	13	L	1532-156-13

HR TITAN3 PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15	14	R	1551-150-14
3	15	14	L	1552-150-14
3	14 3/4	16	R	1551-148-16
3	14 3/4	16	L	1552-148-16
3	14 3/4	17	R	1551-148-17
3	14 3/4	17	L	1552-148-17
3	14 3/4	18	R	1551-148-18
3	14 3/4	18	L	1552-148-18
3	14 3/4	19	R	1551-148-19
3	14 3/4	19	L	1552-148-19
3	14 3/4	20	R	1551-148-20
3	14 3/4	20	L	1552-148-20
3	14 1/2	21	R	1551-145-21
3	14 1/2	21	L	1552-145-21
3	14 1/4	22	R	1551-143-22
3	14 1/4	22	L	1552-143-22
3	14	24	R	1551-140-24
3	14	24	L	1552-140-24

HR TITAN4 PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	14 1/2	15	R	1553-145-15
4	14 1/2	15	L	1554-145-15
4	14 1/4	17	R	1553-143-17
4	14 1/4	17	L	1554-143-17
4	14 1/8	18	R	1553-141-18
4	14 1/8	18	L	1554-141-18
4	14 1/8	19	R	1553-141-19
4	14 1/8	19	L	1554-141-19
4	14	20	R	1553-140-20
4	14	20	L	1554-140-20
4	14	21	R	1553-140-21
4	14	21	L	1554-140-21
4	14	22	R	1553-140-22
4	14	22	L	1554-140-22
4	14	23	R	1553-140-23
4	14	23	L	1554-140-23
4	14	25	R	1553-140-25
4	14	25	L	1554-140-25
4	14	27	R	1553-140-27

LEXOR Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15 3/4	15	R	1571-158-15
3	15 3/4	15	L	1572-158-15
3	15 5/8	16	R	1571-156-16
3	15 5/8	16	L	1572-156-16
3	15 1/2	17	R	1571-155-17
3	15 1/2	17	L	1572-155-17
3	15 3/8	18	R	1571-154-18
3	15 3/8	18	L	1572-154-18
3	15 1/4	19	R	1571-153-19
3	15 1/4	19	L	1572-153-19
3	15 1/8	20	R	1571-151-20
3	15 1/8	20	L	1572-151-20
3	15	21	R	1571-150-21
3	15	21	L	1572-150-21
3	14 7/8	22	R	1571-149-22
3	14 7/8	22	L	1572-149-22
3	14 3/4	23	R	1571-148-23
3	14 3/4	23	L	1572-148-23
3	14 1/2	25	R	1571-145-25
3	14 1/2	25	L	1572-145-25
3	14 1/2	27	R	1571-145-27
3	14 1/2	27	L	1572-145-27

Scorpion Stainless steel 3 blade Rubber Hub



Thrust Washer (1 piece)	Spacer (1 piece)	Washer (2 pieces)	Nut (1 piece)	Cotter Pin (1 piece)
HETW	HESP	N/A	YENT	EPIN
KITS part # : 17065501				

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub E series propeller.

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

E 115~250 Horsepower / 4-3/4" Gearcase (15 Tooth SPLINE & THRU HUB EXHAUST)

BF 115 HP11 ~ 150 HP 04 ~ 225 HP 02 ~
 BF 135 HP04 ~ 200 HP 02 ~ 250 HP.....12 ~

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15.5	13	R	1511-155-13
3	15	15	R	1511-150-15
3	15	15	L	1512-150-15
3	14.8	17	R	1511-148-17
3	14.8	17	L	1512-148-17
3	14.5	19	R	1511-145-19
3	14.5	19	L	1512-145-19
3	14.3	21	R	1511-143-21
3	14.3	21	L	1512-143-21
3	14.2	23	R	1511-142-23
3	14.2	23	L	1512-142-23

AMITA 3-E Plus Aluminum 3 blade Plus Rubber Hub

B	D	P	R	PART NO.
3	16	13	R	1511-160-13
3	15.8	15	R	1511-158-15
3	15.8	15	L	1512-158-15
3	15.5	17	R	1511-155-17
3	15.5	17	L	1512-155-17
3	15.3	19	R	1511-153-19
3	15.3	19	L	1512-153-19
3	15.3	21	R	1511-153-21
3	15.3	21	L	1512-153-21
3	15.3	23	R	1511-153-23

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	14.75	15	R	1513-148-15
4	14.75	15	L	1514-148-15
4	14.5	17	R	1513-145-17
4	14.5	17	L	1514-145-17
4	14.25	19	R	1513-143-19
4	14.25	19	L	1514-143-19
4	14	21	R	1513-140-21
4	14	21	L	1514-140-21
4	14	23	R	1513-140-23



1511-143-21



1511-153-19



1513-140-21

Thru-Hub Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (1/pack)
HETW	HESP	N/A	YENT	EPIN

KITS part #: 17065501

Prop hardware for pressed in hub propeller.

* Required hardware to install propeller that SOLAS makes in hub E series propeller.

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

Volvo Penta Aquamatic SP Stern Drive

E Aquamatic (Long Hub) 17 Tooth Spline

AQ 280
AQ 290

SATURN PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	15 1/2	15	R	8823-155-15
4	15 1/2	15	L	8824-155-15
4	15 1/2	17	R	8823-155-17
4	15 1/2	17	L	8824-155-17
4	15 1/2	19	R	8823-155-19
4	15 1/2	19	L	8824-155-19



8823-155-19

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15	15	R	8831-150-15
3	15	15	L	8832-150-15
3	15	17	R	8831-150-17
3	15	17	L	8832-150-17
3	15	19	R	8831-150-19
3	15	19	L	8832-150-19
3	15	21	R	8831-150-21
3	15	21	L	8832-150-21



8831-150-19

TITAN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15 5/8	15	R	8841-156-15
3	15 5/8	15	L	8842-156-15
3	15 5/8	17	R	8841-156-17
3	15 5/8	17	L	8842-156-17
3	15 5/8	19	R	8841-156-19
3	15 5/8	19	L	8842-156-19
3	15 5/8	21	R	8841-156-21
3	15 5/8	21	L	8842-156-21
3	15 5/8	23	R	8841-156-23
3	15 5/8	23	L	8842-156-23

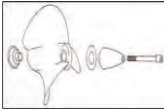


8841-156-21

Standard Hub Installation



Long Hub Installation

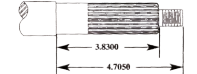


OMC, Volvo Penta SX Drive

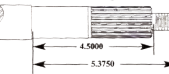
E SX Drive (19 Tooth Spline)

3.0 L, 4.3 L, 5.0L, 5.7L, 5.8L, 7.4L, 8.2L

VOLVO Standard Shaft



VOLVO Long Shaft



	Trimet Washer (1/1pack)	Spacer (1/1pack)	Washer (2/2pack)	Nut (1/1pack)	Coller Pin (4/4pack)
E	Original VOLVO Part	Original VOLVO Part	Original VOLVO Part	Original VOLVO Part	Original VOLVO Part

Prop hardware for pressed in hub propeller.

HRTITAN3 PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15	14	R	8651-150-14
3	15	14	L	8652-150-14
3	14 3/4	16	R	8651-148-16
3	14 3/4	16	L	8652-148-16
3	14 3/4	17	R	8651-148-17
3	14 3/4	17	L	8652-148-17
3	14 3/4	18	R	8651-148-18
3	14 3/4	18	L	8652-148-18
3	14 3/4	19	R	8651-148-19
3	14 3/4	19	L	8652-148-19
3	14 3/4	20	R	8651-148-20
3	14 3/4	20	L	8652-148-20
3	14 1/2	21	R	8651-145-21
3	14 1/2	21	L	8652-145-21
3	14 1/4	22	R	8651-143-22
3	14 1/4	22	L	8652-143-22
3	14	24	R	8651-140-24
3	14	24	L	8652-140-24

HRTITAN4 PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	14 1/2	15	R	8653-145-15
4	14 1/2	15	L	8654-145-15
4	14 1/4	17	R	8653-143-17
4	14 1/4	17	L	8654-143-17
4	14 1/8	18	R	8653-141-18
4	14 1/8	18	L	8654-141-18
4	14 1/8	19	R	8653-141-19
4	14 1/8	19	L	8654-141-19
4	14	20	R	8653-140-20
4	14	20	L	8654-140-20
4	14	21	R	8653-140-21
4	14	21	L	8654-140-21
4	14	22	R	8653-140-22
4	14	22	L	8654-140-22
4	14	23	R	8653-140-23
4	14	23	L	8654-140-23
4	14	25	R	8653-140-25
4	14	25	L	8654-140-25
4	14	27	R	8653-140-27



8651-148-19



8653-140-21

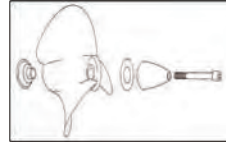
* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

Volvo Penta Aquamatic SP Stern Drive

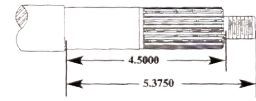
E Aquamatic (Long Hub) 17 Tooth Spline

AQ 280
AQ 290

Long Hub Installation



VOLVO Long Shaft



AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15.5	13	R	8811-155-13
3	15	15	R	8811-150-15
3	15	15	L	8812-150-15
3	14.8	17	R	8811-148-17
3	14.8	17	L	8812-148-17
3	14.5	19	R	8811-145-19
3	14.5	19	L	8812-145-19
3	14.3	21	R	8811-143-21
3	14.3	21	L	8812-143-21
3	14.2	23	R	8811-142-23
3	14.2	23	L	8812-142-23

AMITA 3-E Plus Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	16	13	R	8811-160-13
3	15.8	15	R	8811-158-15
3	15.8	15	L	8812-158-15
3	15.5	17	R	8811-155-17
3	15.5	17	L	8812-155-17
3	15.3	19	R	8811-153-19
3	15.3	19	L	8812-153-19
3	15.3	21	R	8811-153-21
3	15.3	21	L	8812-153-21

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	14.75	15	R	8813-148-15
4	14.75	15	L	8814-148-15
4	14.5	17	R	8813-145-17
4	14.5	17	L	8814-145-17
4	14.25	19	R	8813-143-19
4	14.25	19	L	8814-143-19
4	14	21	R	8813-140-21
4	14	21	L	8814-140-21
4	14	23	R	8813-140-23

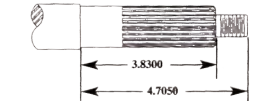
8811-153-19



Standard Hub Installation



VOLVO Standard Shaft



E Aquamatic (Standard Hub)(Short Hub) 17 Tooth Spline

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15	15	L	8712-150-15
3	14.8	17	L	8712-148-17
3	14.5	19	L	8712-145-19
3	14.3	21	L	8712-143-21

AMITA 3-E Plus Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15.8	15	L	8712-158-15
3	15.5	17	L	8712-155-17
3	15.3	19	L	8712-153-19
3	15.3	21	L	8712-153-21

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	14.75	15	L	8714-148-15
4	14.5	17	L	8714-145-17
4	14.25	19	L	8714-143-19
4	14	21	L	8714-140-21

8712-153-19



OMC, Volvo Penta SX Drive

E SX Drive (19 Tooth Spline)

3.0 L, 4.3 L, 5.0L, 5.7L, 5.8L, 7.4L, 8.2L

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	15.5	13	R	8611-155-13
3	15	15	R	8611-150-15
3	15	15	L	8612-150-15
3	14.8	17	R	8611-148-17
3	14.8	17	L	8612-148-17
3	14.5	19	R	8611-145-19
3	14.5	19	L	8612-145-19
3	14.3	21	R	8611-143-21
3	14.3	21	L	8612-143-21
3	14.2	23	R	8611-142-23
3	14.2	23	L	8612-142-23

AMITA 3-E Plus Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	16	13	R	8611-160-13
3	15.8	15	R	8611-158-15
3	15.8	15	L	8612-158-15
3	15.5	17	R	8611-155-17
3	15.5	17	L	8612-155-17
3	15.3	19	R	8611-153-19
3	15.3	19	L	8612-153-19
3	15.3	21	R	8611-153-21
3	15.3	21	L	8612-153-21

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	14.75	15	R	8613-148-15
4	14.75	15	L	8614-148-15
4	14.5	17	R	8613-145-17
4	14.5	17	L	8614-145-17
4	14.25	19	R	8613-143-19
4	14.25	19	L	8614-143-19
4	14	21	R	8613-140-21
4	14	21	L	8614-140-21
4	14	23	R	8613-140-23

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Cotter Pin (4/pack)
E	Original VOLVO Part	Original VOLVO Part	Original VOLVO Part	Original VOLVO Part	Original VOLVO Part

Prop hardware for pressed in hub propeller.



8611-143-21



8611-153-19



8613-140-21

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

Volvo Penta Dual Props (Front 27 Tooth Spline; Rear 19 Tooth Spline)

DP 280, DP 290

G Aluminum Propellers

Aluminum 3 blade
Rubber Hub

Front propeller

B	D	P		PART NO.
3	15.5	17	Front	8512-155-17
3	15.3	19	Front	8512-153-19
3	15.3	21	Front	8512-153-21



Front propeller

Aluminum 4 blade
Rubber Hub

Rear propeller

B	D	P		PART NO.
4	13.75	17	Rear	8513-138-17
4	13.75	19	Rear	8513-138-19
4	13.75	21	Rear	8513-138-21
4	13.75	23	Rear	8513-138-23 NEW!



Rear propeller

G Stainless Steel Propellers

Stainless steel 3 blade
Rubber Hub

Front propeller

B	D	P		PART NO.
3	15	15	Front	8532-150-15
3	15	17	Front	8532-150-17
3	15	19	Front	8532-150-19
3	15	21	Front	8532-150-21
3	15.5	23	Front	8532-155-23
3	15.5	25	Front	8532-155-25



Front propeller

Stainless steel 3 blade
Rubber Hub

Rear propeller

B	D	P		PART NO.
3	13.9	15	Rear	8551-139-15
3	13.9	17	Rear	8551-139-17
3	13.9	19	Rear	8551-139-19
3	13.9	21	Rear	8551-139-21
3	13.9	23	Rear	8551-139-23
3	13.9	25	Rear	8551-139-25



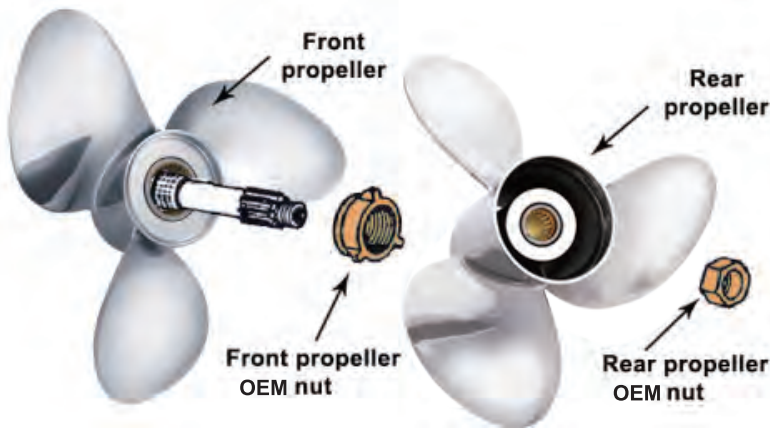
Rear propeller

	Thrust Washer (1/pack)	Spacer (1/pack)	Washer (2/pack)	Nut (1/pack)	Coller Pin (4/pack)
E	Original VOLVO Part	Original VOLVO Part	Original VOLVO Part	Original VOLVO Part	Original VOLVO Part

Prop hardware for pressed in hub propeller.

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

Volvo Penta Dual Props



Volvo Penta A ,B & C Series DP280,290 Drive



Aluminum Props



Stainless Steel Props

Volvo Dual Props may require special tools to install. This prop requires OEM hardware to install. Please consult OEM manual for proper installation and for torque specs.

Application Chart

Volvo Part#	Front propellers	Rear propellers
A3	8512-155-17	8513-138-17
A4	8512-155-17	8513-138-19
A5	8512-153-19	8513-138-19
A6	8512-153-19	8513-138-21
A7	8512-153-21	8513-138-21
A8	8512-153-21	8513-138-23
B3	8512-155-17	8513-138-17
B4	8512-153-19	8513-138-19
B5	8512-153-19	8513-138-21
B6	8512-153-21	8513-138-21
B7	8512-153-21	8513-138-23
C2	8532-150-15	8551-139-15
C3	8532-150-17	8551-139-17
C4	8532-150-19	8551-139-19
C5	8532-150-19	8551-139-21
C6	8532-150-21	8551-139-21
C7	8532-155-23	8551-139-23
	8532-155-25	8551-139-25

NEW!

NEW!

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

A 9.9~15 Horsepower (8 Tooth Spline & Thru Hub Exhaust)

F9.9/15

T9.9/15

SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	9 1/4	7	R	3121-093-07
3	9 1/4	8	R	3121-093-08
3	9 1/4	9	R	3121-093-09
3	9 1/4	10	R	3121-093-10
3	9 1/4	11	R	3121-093-11
3	9 1/4	12	R	3121-093-12



3121-093-09

B 20~30 Horsepower (10 Tooth Spline & Thru Hub Exhaust)

F20/25

T20/25/30

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	10 3/4	10	R	3231-108-10
3	10 1/2	11	R	3231-105-11
3	10 1/4	12	R	3231-103-12
3	10 1/8	13	R	3231-101-13
3	10	14	R	3231-100-14
3	10	15	R	3231-100-15

SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	10	8	R	3221-100-08
3	10	9	R	3221-100-09
3	10	10	R	3221-100-10
3	10	11	R	3221-100-11
3	10	12	R	3221-100-12
3	10	13	R	3221-100-13

NEW SATURN PROP Stainless steel blade Rubber Hub

B	D	P	R	PART NO.
4	10	9	R	3233-100-09
4	10	10	R	3233-100-10

HR TITAN 4 PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	10	10	R	3253-100-10
4	10	11	R	3253-100-11
4	10	12	R	3253-100-12



3231-101-13



3221-100-10



3253-100-11

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

2.5/ 5 Horsepower (9 Tooth Spline & Thru Hub Exhaust; Spline Drive)

F2.6

F4/5

T2.5/3.6

AMITA 3 Aluminum 3 blade
Rubber Hub

B	D	P	R	PART NO.
3	7.25	5	R	3011-073-05S
3	7.5	7	R	3011-075-07S



3011-073-05S

**8 6~8 Horsepower
(7 Tooth Spline & Thru Hub Exhaust)**

F6/8/9.8

AMITA 3 Aluminum 3 blade
Rubber Hub

B	D	P	R	PART NO.
3	8.5	7	R	3011-085-07
3	8.5	8	R	3011-085-08
3	8.5	9	R	3011-085-09



3011-085-08

**8 4 ~ 9.8 Horsepower
(12 Tooth Spline & Thru Hub Exhaust)**

T4/5/5.8

T6/8/9.8

AMITA 3 Aluminum 3 blade
Rubber Hub

B	D	P	R	PART NO.
3	7.8	7	R	5011-078-07
3	7.8	8	R	5011-078-08
3	7.8	9	R	5011-078-09

AMITA 3 Aluminum 3 blade
Rubber Hub

B	D	P	R	PART NO.
3	8.5	7	R	5011-085-07
3	8.5	8	R	5011-085-08
3	8.5	9	R	5011-085-09



5011-078-09



5011-085-08

A 9.9~15 Horsepower (8 Tooth Spline & Thru Hub Exhaust)

F9.9/15

T9.9/15

AMITA 3 Aluminum 3 blade
Rubber Hub

B	D	P	R	PART NO.
3	9.25	7	R	3111-093-07
3	9.25	8	R	3111-093-08
3	9.25	9	R	3111-093-09
3	9.25	10	R	3111-093-10
3	9.25	11	R	3111-093-11
3	9.25	12	R	3111-093-12

AMITA 4 Aluminum 4 blade
Rubber Hub

B	D	P	R	PART NO.
4	9.25	7	R	3113-093-07
4	9.25	8	R	3113-093-08
4	9.25	9	R	3113-093-09
4	9.25	10	R	3113-093-10
4	9.25	11	R	3113-093-11



3111-093-10



3113-093-10

B 20~30 Horsepower (10 Tooth Spline & Thru Hub Exhaust)

F20/25

T20/25/30

AMITA 3 Aluminum 3 blade
Rubber Hub

B	D	P	R	PART NO.
3	9.9	9	R	3211-099-09
3	9.9	10	R	3211-099-10
3	9.9	11	R	3211-099-11
3	9.9	12	R	3211-099-12
3	9.9	13	R	3211-099-13

AMITA 4 Aluminum 4 blade
Rubber Hub

B	D	P	R	PART NO.
4	10.2	11	R	3213-102-11
4	10.1	12	R	3213-101-12
4	10	13	R	3213-100-13
4	10	14	R	3213-100-14
4	10	15	R	3213-100-15



3211-099-12



3213-100-13

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

C 35~40 Horsepower (13 Tooth Spline & Thru Hub Exhaust)

T35/40

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	12	8	R	3331-120-08
3	12	9	R	3331-120-09
3	11 7/8	10	R	3331-119-10
3	11 5/8	11	R	3331-116-11
3	11 3/8	12	R	3331-114-12
3	11 1/8	13	R	3331-111-13
3	11 1/8	14	R	3331-111-14
3	11	15	R	3331-110-15



3331-110-15

SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	12 1/4	9	R	3321-123-09
3	11 3/4	11	R	3321-118-11
3	11 1/2	12	R	3321-115-12
3	11 1/8	13	R	3321-111-13
3	11 1/8	14	R	3321-111-14
3	11	15	R	3321-110-15



3321-111-13

D 75~90 Horsepower (15 Tooth Spline & Thru Hub Exhaust)

T75/85/90

NEW SATURN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	14	11	R	3431-140-11
3	13 3/4	13	R	3431-138-13
3	13 3/4	13	L	3432-138-13
3	13 1/2	15	R	3431-135-15
3	13 1/2	15	L	3432-135-15
3	13 1/4	17	R	3431-133-17
3	13 1/4	17	L	3432-133-17
3	13	19	R	3431-130-19
3	13	19	L	3432-130-19
3	13	21	R	3431-130-21



3431-133-17

TITAN PROP Stainless steel 3 blade Rubber Hub

B	D	P	R	PART NO.
3	13 3/4	13	R	3441-138-13
3	13 3/4	13	L	3442-138-13
3	13 3/4	15	R	3441-138-15
3	13 3/4	15	L	3442-138-15
3	13 1/4	17	R	3441-133-17
3	13 1/4	17	L	3442-133-17
3	13 1/4	19	R	3441-133-19
3	13 1/4	19	L	3442-133-19



3441-133-17

HR TITAN 4 PROP Stainless steel 4 blade Rubber Hub

B	D	P	R	PART NO.
4	13 1/2	13	R	3453-135-13
4	13 1/2	13	L	3454-135-13
4	13 1/4	15	R	3453-133-15
4	13 1/4	15	L	3454-133-15
4	13	17	R	3453-130-17
4	13	17	L	3454-130-17
4	13	19	R	3453-130-19
4	13	19	L	3454-130-19
4	13	21	R	3453-130-21
4	13	21	L	3454-130-21



3453-130-17

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

C 35~40 Horsepower (13 Tooth Spline & Thru Hub Exhaust)

T35/40

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	12.2	7	R	3311-122-07
3	12.2	8	R	3311-122-08
3	12.1	9	R	3311-121-09
3	11.6	11	R	3311-116-11
3	11.4	12	R	3311-114-12
3	11.1	13	R	3311-111-13
3	11.1	14	R	3311-111-14
3	11	15	R	3311-110-15
3	11	16	R	3311-110-16
3	11	17	R	3311-110-17



3311-110-15

AMITA 3-C Plus Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	12	10	R	3311-120-10
3	11.8	11	R	3311-118-11
3	11.6	12	R	3311-116-12
3	11.6	13	R	3311-116-13
3	11.6	14	R	3311-116-14
3	11.4	15	R	3311-114-15
3	11.4	16	R	3311-114-16



3311-116-13

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	11.8	9	R	3313-118-09
4	11.4	10	R	3313-114-10
4	11.1	11	R	3313-111-11
4	10.8	12	R	3313-108-12
4	10.5	13	R	3313-105-13
4	10.5	14	R	3313-105-14



3313-105-14

D 75~90 Horsepower (15 Tooth Spline & Thru Hub Exhaust)

T75/85/90

AMITA 3 Aluminum 3 blade Rubber Hub

B	D	P	R	PART NO.
3	14	9	R	3411-140-09
3	14	11	R	3411-140-11
3	13.75	13	R	3411-138-13
3	13.75	13	L	3412-138-13
3	13.5	14	R	3411-135-14
3	13.5	15	R	3411-135-15
3	13.5	15	L	3412-135-15
3	13.5	16	R	3411-135-16
3	13.25	17	R	3411-133-17
3	13.25	17	L	3412-133-17
3	13.25	18	R	3411-133-18
3	13	19	R	3411-130-19
3	13	21	R	3411-130-21

AMITA 4 Aluminum 4 blade Rubber Hub

B	D	P	R	PART NO.
4	13.25	13	R	3413-133-13
4	13	15	R	3413-130-15
4	12.75	17	R	3413-128-17
4	12.5	19	R	3413-125-19
4	12.5	21	R	3413-125-21



3411-133-17



3413-125-19

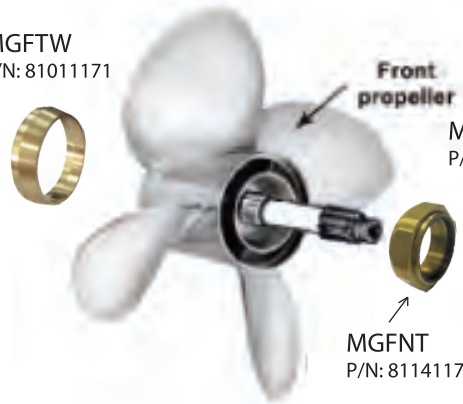
APPLICATION CHART						
CATEGORY	MODEL	PROPELLER SIZE	PARSUN PART NO	YAMAHA PART NO	TOHATSU PART NO	SOLAS
2.5 ~ 5	F2.6	3 - 7 1/2" x 7"	F4-03070000	6E0-45943-01-EL		3011-075-07S
		3 - 7 1/4" x 6"	F2.6-03010000	6L5-45943-00-EL		3011-073-05S
	F4/5	3 - 7 1/2" x 7"	F4-03070000	6E0-45943-01-EL		3011-075-07S
		3 - 7 1/4" x 6"	F2.6-03010000	6L5-45943-00-EL		3011-073-05S
	T2.5/3.6	3 - 7 1/2" x 7"	F4-03070000	6E0-45943-01-EL		3011-075-07S
		3 - 7 1/4" x 6"	F2.6-03010000	6L5-45943-00-EL		3011-073-05S
8	T4/5/5.8	3 - 7.8" x 8.0"	T5-03030000		3R1W64516-0	5011-078-09
	T6/8/9.8	3 - 8.9" x 8.3"	F8-04050000		3B2B64517-1	5011-085-08
	F6/8/9.8	3 - 8.9" x 8.3"	F8-04050000		3B2B64517-1	3011-085-08
A	F9.9/15	3 - 9 1/4" x 11"	F15-06090000-11	63V-45943-00-EL		3111-093-11
	T9.9/15	3 - 9 1/4" x 8"	F15-06090000-8	63V-45947-00-EL		3111-093-08
B	F20/25	3 - 9 7/8" x 11 1/4"	F25-0408000	664-45947-01-EL		3211-099-11
	T20/25/30	3 - 9 7/8" x 11 1/4"	F25-0408000	664-45947-01-EL		3211-099-11
C	T35/40	3 - 11 1/8" x 13"	T40-04070000	663-45945-02-EL		3311-111-13
D	T75/85/90	3 - 13 1/4" x 17"	T85-04020000-17	6E5-45945-01-EL		3411-133-17
		3 - 13 5/8" x 13"	T85-04020000-13	6E5-45949-00-EL		3411-138-13

G YANMAR ZT350 and ZT370 Stern Drive

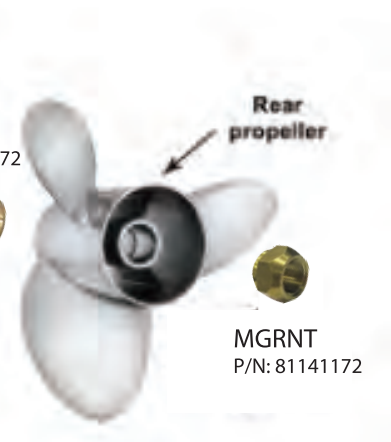
B3 Stainless steel 3&4 blade Rubber Hub

B	D	P	R	PART NO.
3	14 3/8	18	Rear	1651-144-18
3	14 3/8	20	Rear	1651-144-20
3	14 3/8	21	Rear	1651-144-21
3	14 1/4	22	Rear	1651-143-22
3	14 1/4	23	Rear	1651-143-23
3	14	24	Rear	1651-140-24
3	14	25	Rear	1651-140-25
3	14	26	Rear	1651-140-26
3	14	27	Rear	1651-140-27
3	13 3/4	28	Rear	1651-138-28
4	16	18	Front	1654-160-18
4	16	20	Front	1654-160-20
4	16	21	Front	1654-160-21
4	15 3/4	22	Front	1654-158-22
4	15 3/4	23	Front	1654-158-23
4	15 1/2	24	Front	1654-155-24
4	15 1/2	25	Front	1654-155-25
4	15 1/2	26	Front	1654-155-26
4	15 1/2	27	Front	1654-155-27
4	15	28	Front	1654-150-28

MGFTW
P/N: 81011171



MGRTW
P/N: 81011172

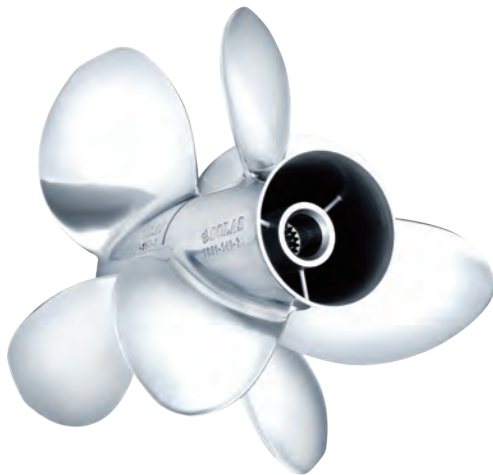


MGFNT
P/N: 81141171

MGRNT
P/N: 81141172

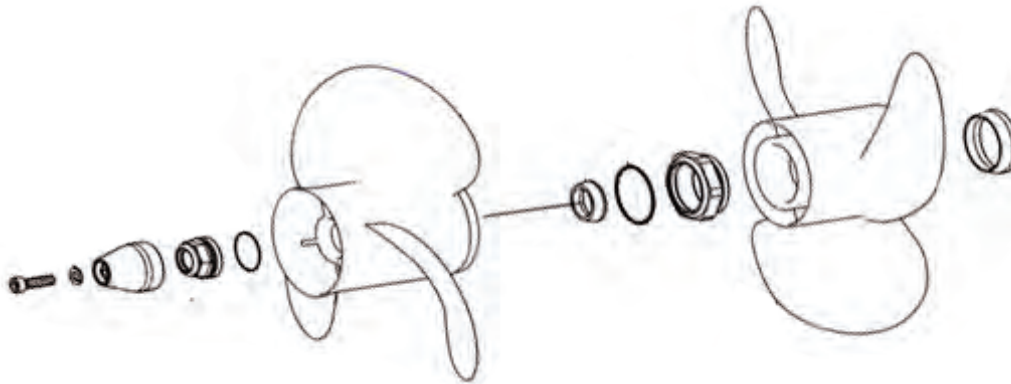
	Front Thrust Washer	Rear Thrust Washer	Front Nut	Rear Nut	
B3 BRAVO III					17017501
	MGFTW	MGRTW	MGFNT	MGRNT	

SOLAS B3
Dual Props



* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.

G YANMAR ZT350 and ZT370 Stern Drive

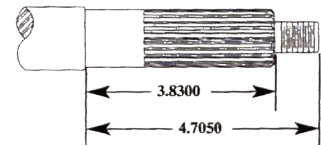
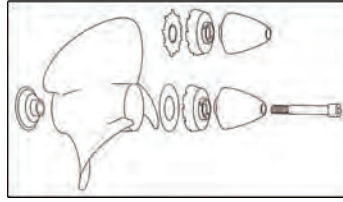


Props may require special tools to install. Please consult OEM manual for proper installation and for torque specs. Use Yanmar Propeller hardware only.

● APPLICATION CHART ●

Solas Part #	B	D	P	ROTATION	Front or Rear	Yanmar Part #
1651-144-20	3	14 3/8	20	R	REAR PROP	196350-09400
1651-144-21	3	14 3/8	21	R	REAR PROP	
1651-143-22	3	14 1/4	22	R	REAR PROP	196350-09720
1651-143-23	3	14 1/4	23	R	REAR PROP	
1651-140-24	3	14	24	R	REAR PROP	196350-09740
1651-140-25	3	14	25	R	REAR PROP	
1651-140-26	3	14	26	R	REAR PROP	196350-09760
1651-138-27	3	13 3/4	27	R	REAR PROP	
1651-138-28	3	13 3/4	28	R	REAR PROP	196350-09780
1654-160-20	4	16	20	L	FRONT PROP	196350-09400
1654-160-21	4	16	21	L	FRONT PROP	
1654-158-22	4	15 3/4	22	L	FRONT PROP	196350-09420
1654-158-23	4	15 3/4	23	L	FRONT PROP	
1654-155-24	4	15 1/2	24	L	FRONT PROP	196350-09440
1654-155-25	4	15 1/2	25	L	FRONT PROP	
1654-155-26	4	15 1/2	26	L	FRONT PROP	196350-09460
1654-150-27	4	15	27	L	FRONT PROP	
1654-150-28	4	15	28	L	FRONT PROP	196350-09480

Drive Type SZ110, SZ111, SZ160, SZ161
(17 Tooth Spline)



AMITA 3 Aluminum 3 blade
-E Plus Rubber Hub

B	D	P	R	PART NO.
3	14	15	L	Z110-140-15
3	14	16	L	Z110-140-16
3	15.5	16	L	Z160-155-16
3	16	16	L	Z160-160-16
3	16	17	L	Z160-160-17



AMITA 3 Aluminum 3 blade
-E Plus Rubber Hub

B	D	P	R	PART NO.
3	15.8	15	L	8712-158-15
3	15.5	17	L	8712-155-17
3	15.3	19	L	8712-153-19
3	15.3	21	L	8712-153-21



AMITA 4 Aluminum 4 blade
Rubber Hub

B	D	P	R	PART NO.
4	14.75	15	L	8714-148-15
4	14.5	17	L	8714-145-17
4	14.25	19	L	8714-143-19
4	14	21	L	8714-140-21



Drive Type SZ200, SZ251 (17 Tooth Spline)

AMITA 3 Aluminum 3 blade
Rubber Hub

B	D	P	R	PART NO.
3	15	15	L	8812-150-15
3	14.8	17	L	8812-148-17
3	14.5	19	L	8812-145-19
3	14.3	21	L	8812-143-21
3	14.2	23	L	8812-142-23



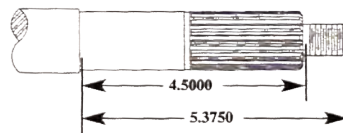
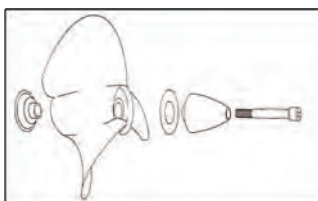
AMITA 3 Aluminum 3 blade
-E Plus Rubber Hub

B	D	P	R	PART NO.
3	15.8	15	L	8812-158-15
3	15.5	17	L	8812-155-17
3	15.3	19	L	8812-153-19
3	15.3	21	L	8812-153-21



AMITA 4 Aluminum 4 blade
Rubber Hub

B	D	P	R	PART NO.
4	14.75	15	L	8814-148-15
4	14.5	17	L	8814-145-17
4	14.25	19	L	8814-143-19
4	14	21	L	8814-140-21



	Thrust Washer (1pack)	Spacer (1pack)	Washer (2pack)	Nut (1pack)	Cotter Pin (4pack)
E	Original YANMAR Part	Original YANMAR Part	Original YANMAR Part	Original YANMAR Part	Original YANMAR Part

Prop hardware for pressed in hub propeller.

* Check with engine manufacturer for complete prop hardware listings. SOLAS does not make all hardware required for all motors made.